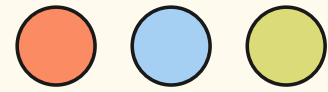# 3 SIMPLE WAYS TO DEAL WITH OVERFLOWING CONTENT
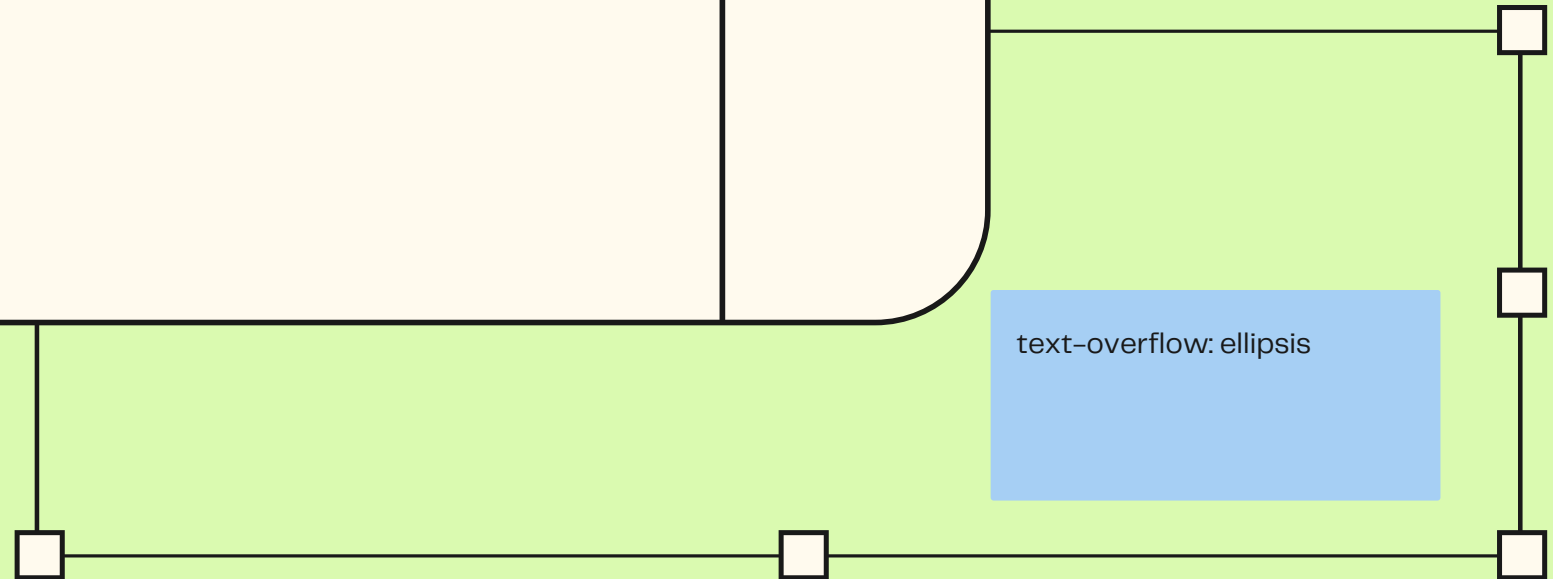
**CSS BYTES**

overflow-wrap: break-word

word-break: anywhere

text-overflow: ellipsis

# 1. overflow-wrap

**SUMMARY**

**word-wrap** was the legacy name for **overflow-wrap.**

Two main values that we will be looking into are:

- **anywhere**

- **break-word**

# 1. overflow-wrap (cont.)

`overflow-wrap: normal`

Save me from overflowing 😭 I am pneumonoultramicroscopicsmilicovolcanoconiosis the longest word in dictionary!

`overflow-wrap: break-word`

Save me from overflowing 😭 I am pneumonoultramicroscopics milicovolcanoconiosis the longest word in dictionary!

*Breaks the word here to prevent overflow*

`overflow-wrap: anywhere`

Save me from overflowing 😭 I am pneumonoultramicroscopics milicovolcanoconiosis the longest word in dictionary!

*Each container has a fixed width of 200px*

🤔 *How is break-word different from anyhwere?*

# 1. overflow-wrap (cont.)

## break-word vs anywhere

The difference between the two values lies in how the browser handles word breaking when calculating the **min-content** intrinsic size.

**break-word**

*In this case, when determining the min-content width needed without overflowing, the browser doesn't take into account potential breaks within the words i.e. it calculates the minimum width based on the assumption that words won't break within themselves.*

**anywhere**

*In this case, the browser takes into account the possibility of breaking words **at any point** when determining the min-content width needed without overflowing, allowing for a more flexible min width.*

# 1. overflow-wrap (cont.)

overflow-wrap: anywhere

```
Savemefromoverflowing😭Iampneumonoultramic
```

*Calculates the min-width assuming that the word can be broken at any character*

overflow-wrap: break-word

Save me from overflowing 😭 I am pneumonoultramicroscopicsmilicovolcanoconiosis the longest word in dictionary!

```css
.container {

  width: min-content;

  padding: 10px;
  border-radius: 4px;
  border: 1px solid #ccc;
  background-color: #f0f0f0;
}
```

# 2. word-break

**SUMMARY**

**word-break** is another property used to specify how words should be broken and wrapped when they exceed the width of their container.

Two main values that we will be looking into are:

- **keep-all:** It prevents word breaks between characters and keeps the entire word together. This property is particularly useful when dealing with CJK (Chinese, Japanese, and Korean) languages where breaking words between characters is not preferred.
  *Note: For non-CJK, this property has no effect.*

- **break-all:** It will break the word at any point where an overflow occurs. Only applies to non-CJK languages.

# 2. word-break (cont.)

```
word-break: normal (default)
```

Save me from overflowing 😭 グレートブリテンおよび北アイルランド連合王国という言葉は本当に長い言葉 I am pneumonoultramicroscopicsmilicovolcanoconiosis the longest word in dictionary!

```
word-break: keep-all
```

Save me from overflowing 😭
グレートブリテンおよび北アイルランド連合王国という言葉は本 I am pneumonoultramicroscopicsmilicovolcanoconiosis the longest word in dictionary!

```
word-break: break-all
```

Save me from overflowing 😭 グレートブリテンおよび北アイルランド連合王国という言葉は本当に長い言葉 I am pneumonoultramicroscopics milicovolcanoconiosis the longest word in dictionary!

🤔 *How is word-break:break-all different from overflow-wrap?*

# 2. word-break (cont.)

## word-break vs overflow-wrap

```
overwflow-wrap: break-word
```

Save me from overflowing 😭 I am pneumonoultramicro scopicsmilicovolcano coniosis the longest word in dictionary!

*Wraps the word to a **new line** and breaks it only if it cannot fit in the new line*

```
word-break: break-all
```

Save me from overfl owing 😭 I am pneu monoultramicroscopi csmilicovolcanoconi osis the longest wor d in dictionary!

*Breaks the word wherever overflow occurs without wrapping into a new line*

# 3. text-overflow: ellipsis

**SUMMARY**

Another common way to deal with overflowing text is to show an ellipsis(...) which indicates the users of hidden overflowing content.

We will be using the CSS property "**text-overflow:ellipsis**" to achieve this behavior.

# 3. text-overflow: ellipsis (cont.)

`text-overflow:ellipsis`

Save me from overflowing 😭 I am pneumonoultramic... the longest word in dictionary!

*An ellipsis to show that some text has been truncated*

```css
.container {
  overflow: hidden;
  text-overflow: ellipsis;
}
```

Thank you!

learn,
code &
repeat.