

Chapter 47: Feature Queries

| Parameter | Details |
|---------------------------|--|
| (property: value) | Evaluates true if the browser can handle the CSS rule. The parenthesis around the rule are required. |
| and | Returns true only if both the previous and next conditions are true. |
| not | Negates the next condition |
| or | Returns true if either the previous or next condition is true. |
| (...) | Groups conditions |

Section 47.1: Basic @supports usage

```
@supports (display: flex) {  
  /* Flexbox is available, so use it */  
  .my-container {  
    display: flex;  
  }  
}
```

In terms of syntax, @supports is very similar to @media, but instead of detecting screen size and orientation, @supports will detect whether the browser can handle a given CSS rule.

Rather than doing something like @supports (flex), notice that the rule is @supports (display: flex).

Section 47.2: Chaining feature detections

To detect multiple features at once, use the and operator.

```
@supports (transform: translateZ(1px)) and (transform-style: preserve-3d) and (perspective: 1px) {  
  /* Probably do some fancy 3d stuff here */  
}
```

There is also an or operator and a not operator:

```
@supports (display: flex) or (display: table-cell) {  
  /* Will be used if the browser supports flexbox or display: table-cell */  
}  
@supports not (-webkit-transform: translate(0, 0, 0)) {  
  /* Will *not* be used if the browser supports -webkit-transform: translate(...) */  
}
```

For the ultimate @supports experience, try grouping logical expressions with parenthesis:

```
@supports ((display: block) and (zoom: 1)) or ((display: flex) and (not (display: table-cell))) or  
(transform: translateX(1px)) {  
  /* ... */  
}
```

This will work if the browser

1. Supports **display: block** AND **zoom: 1**, or
2. Supports **display: flex** AND NOT **display: table-cell**, or
3. Supports **transform: translateX(1px)**.