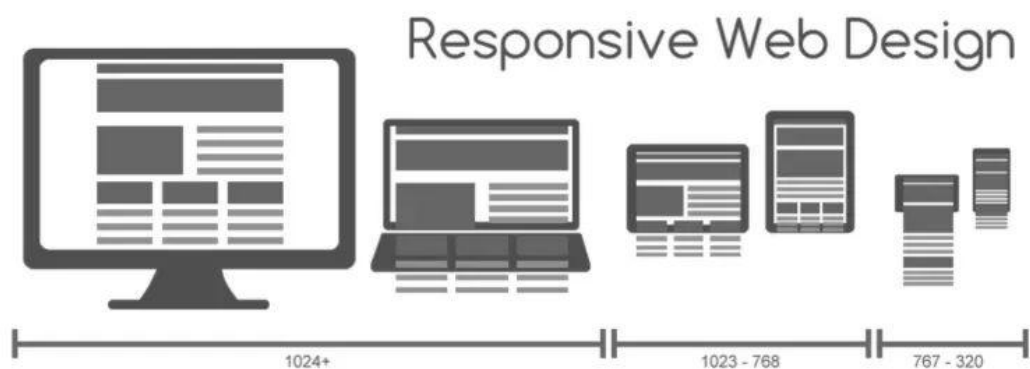


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# CSS MEDIA QUERY



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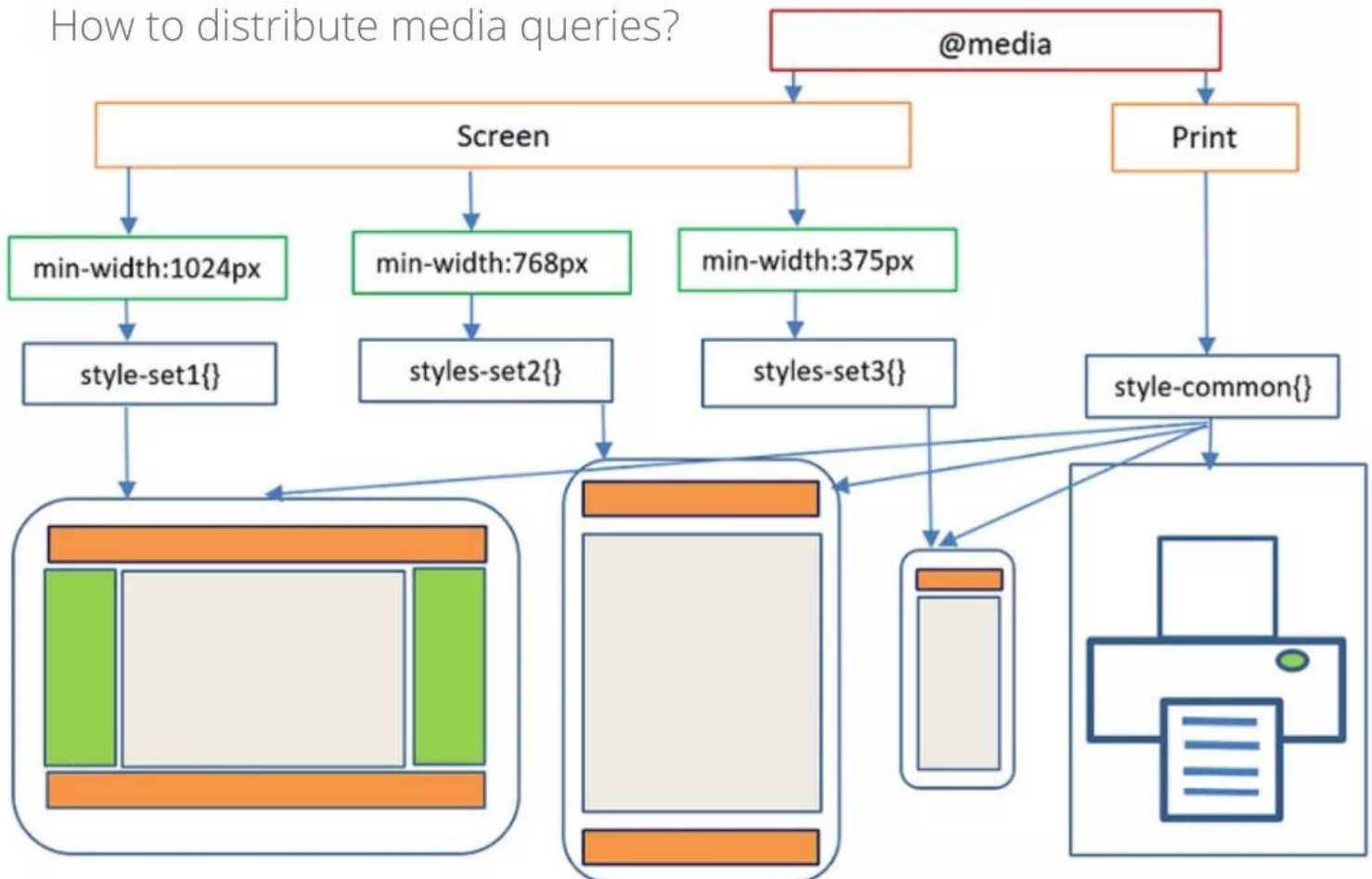
X

@web.simplified

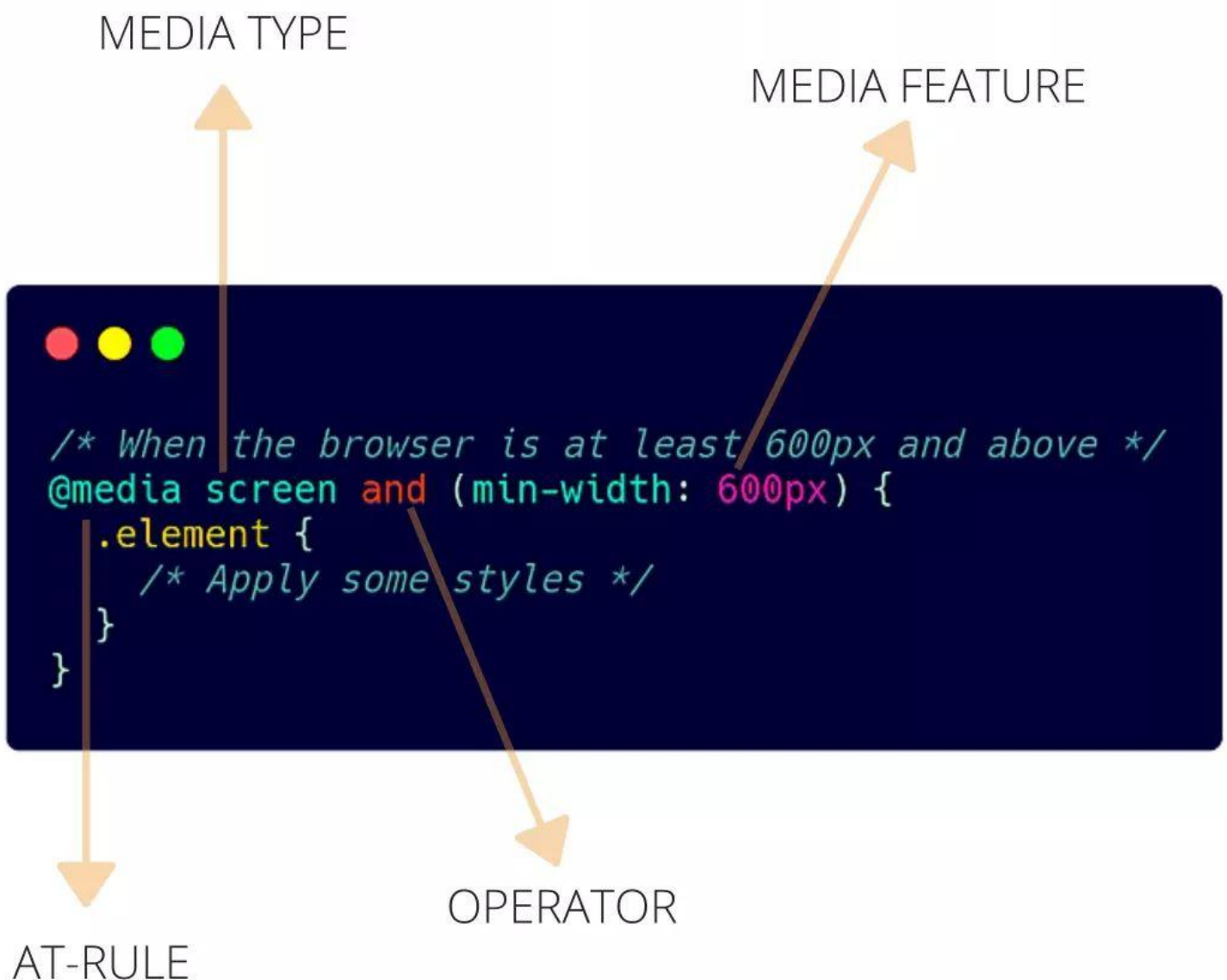
# MEDIA QUERY ?

**Media queries** are a CSS3 function that allows you to specify the display of a document for different output *media and screen sizes*.

How to distribute media queries?



# UNDERSTANDING SYNTAX





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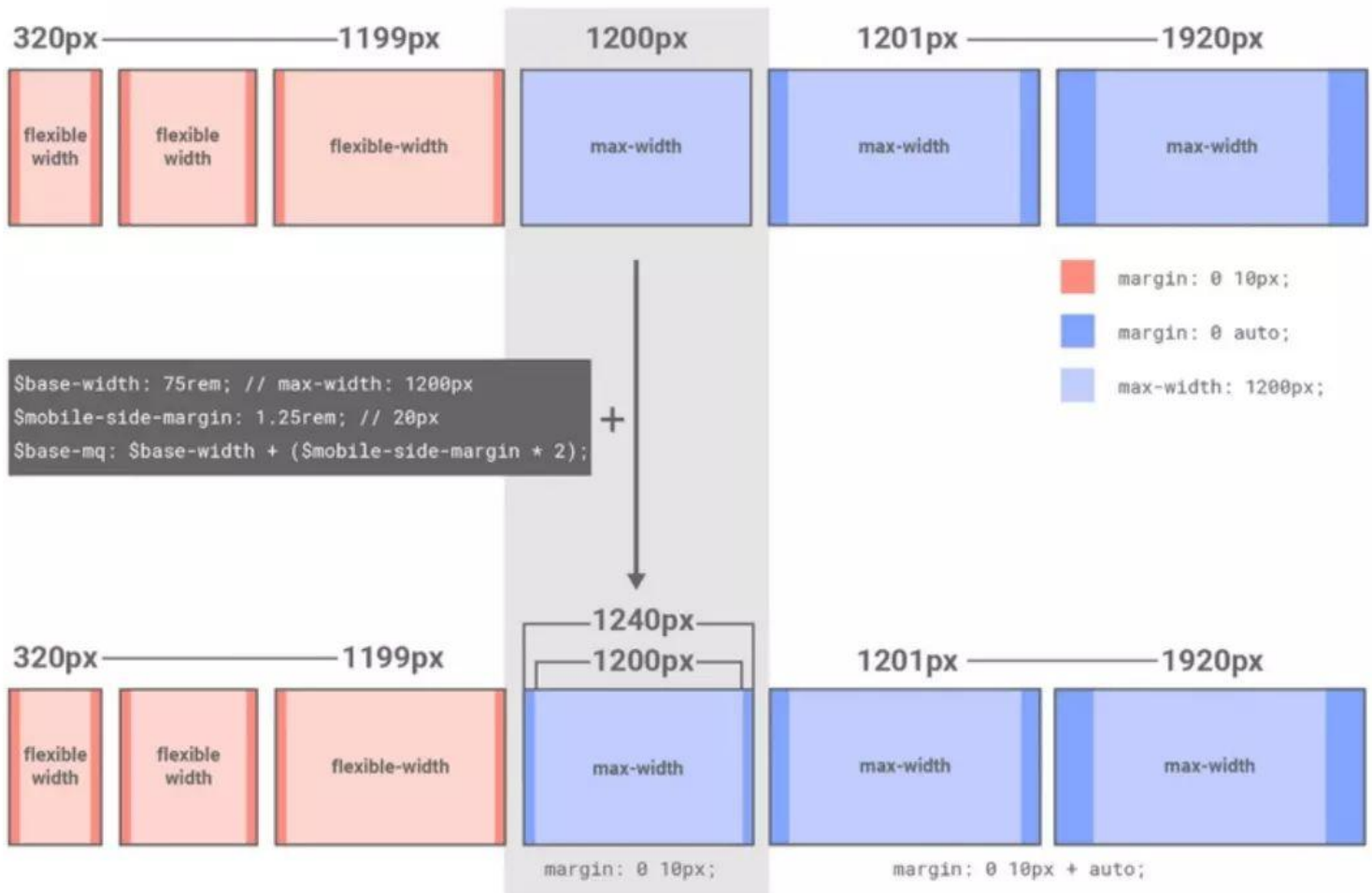
# BREAKPOINTS

mobile

desktop

//Page level breakpoints

```
$mq-small: 'screen and (max-width: 37.438em)'; // max upto 599px  
$mq-medium: 'screen and (min-width: 37.5em)'; // min from 600px  
$mq-large: 'screen and (min-width: 60em)'; // min from 960px  
$mq-large-extra: 'screen and (min-width: 75em)'; // min from 1200px
```



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X

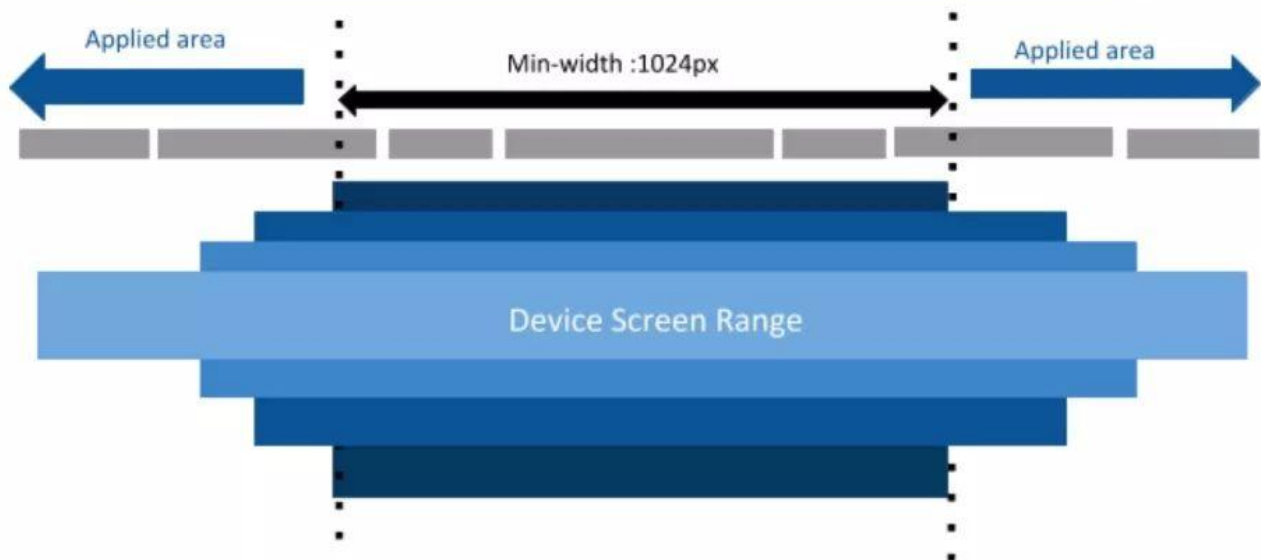
@web.simplified



SEE THE APPLIED AREAS IN FIGURE TO UNDERSTAND

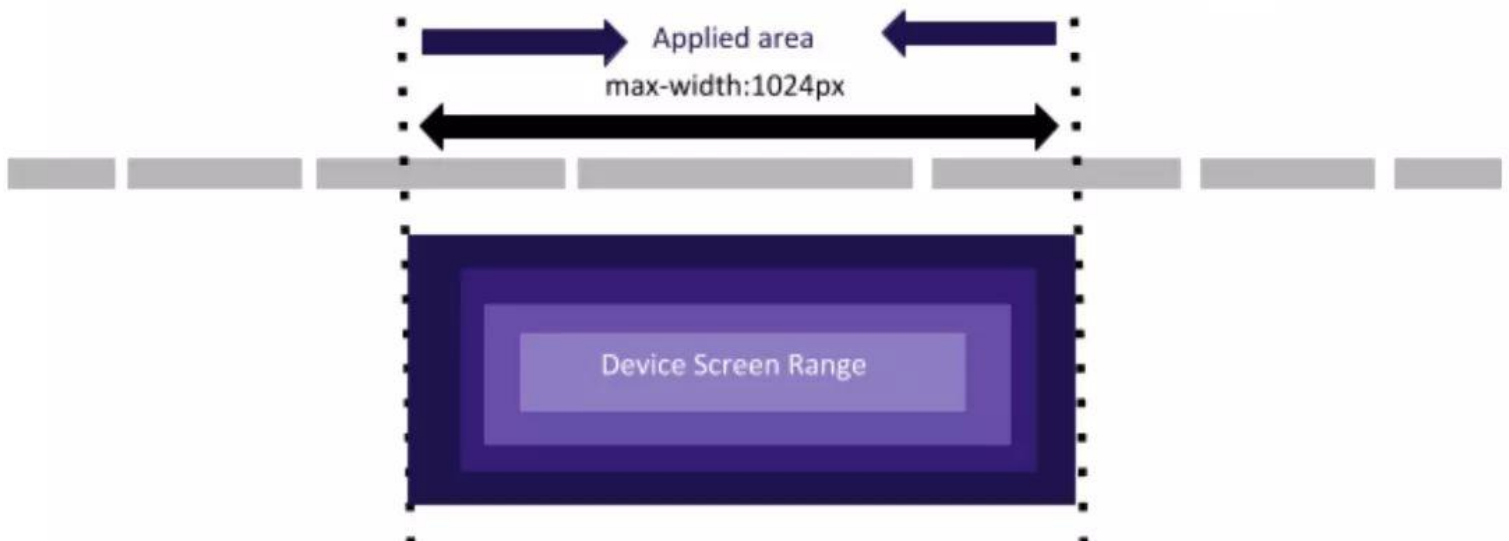
## MIN-WIDTH

```
@media (min-width: 1024px) { /*your styles here*/ }
```



## MAX-WIDTH

```
@media (max-width: 1024px) { /*your styles here*/ }
```



# QUICK RECAP

Media query starts with  
@media keyword

Media types describe the general  
category of a device. For ex, in this case  
we are targeting devices with a screen

```
Syntax of Media rule
@media screen (min-width: 320px) and|or|not (max-width: 768px) {
  /* whole bunch of CSS Code */
}
```

This is media feature which  
describe specific  
characterstic of media



and, or, not are operators.  
Not - inverse the condition  
And - when both conditions true  
Or - atleast one condition must be true

"not" keyword simply invert the  
condition. That is, in this we can say  
that now condition becomes max-  
width: 600px

```
Not
@media not screen and (min-width: 600px) {
  div {
    border: 10px solid black;
  }
}
```




# WRAP UP

<pre>/* Desktops */ @media (min-width:768px) {      } }</pre>	<p>All CSS within this media query applies <b>ONLY</b> to tablet, laptop or desktop screens</p> 
<pre>/* Mobiles */ @media (max-width:767px) {      } }</pre>	<p>All CSS within this media query applies <b>ONLY</b> to mobile screens</p> 

The CSS Media Query gives you a way to apply CSS only when the browser and device environment matches a rule that you specify. Media queries are a key part of responsive web design.

# CSS CODE FOR DIFFERENT DEVICES (BREAKPOINTS)



```
/* Extra small devices (phones, 600px and down) */
@media only screen and (max-width: 600px) {...}

/* Small devices (portrait tablets and large phones,
600px and up) */
@media only screen and (min-width: 600px) {...}

/* Medium devices (landscape tablets, 768px and up) */
@media only screen and (min-width: 768px) {...}

/* Large devices (laptops/desktops, 992px and up) */
@media only screen and (min-width: 992px) {...}

/* Extra large devices (large laptops and desktops,
1200px and up) */
@media only screen and (min-width: 1200px) {...}
```