

Converting Colors

RGB(78, 218, 254)

Have a look what the booklet for
RGB(78, 218, 254) contains.

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Color

RGB(78, 218, 254)

Conversions

Conversions Part 1

Format	Color
Hex	4EDAFE
RGB	78, 218, 254
RGB Percent	31%, 85%, 100%
CMY	0.6941, 0.1451, 0.0039
CMYK	0.69, 0.14, 0.00, 0.00
HSL	192°, 99%, 65%
HSV	192°, 69%, 100%
XYZ	46.1027, 58.9183, 102.7084
YIQ	180.2440, -94.9960, -18.4840

Conversions

Conversions Part 2

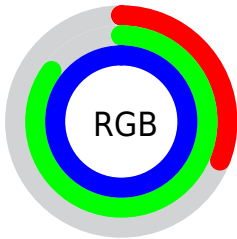
Format	Color
RYB	78, 156, 254
Decimal	5167870
CIELab	81.25, -26.31, -28.48
CIELCh	81, 38.773, 227.266
Yxy	58.9183, 0.2219, 0.2836
Android (android.graphics.Color)	4283357950 (0xFF4EDA FE)
YUV	180.2440, 36.3617, -89.6680
Hunter-Lab	76.7582, -27.1159, -25.6038

Details

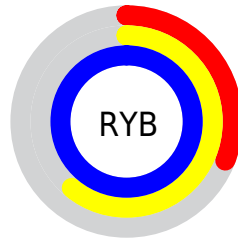
The RGB color **78, 218, 254** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **254, 114, 78**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **146, 255, 255**, and **0, 163, 197** is the 20% darker color. If you saturate the color by 10%, you get **53, 213, 254**, and if you desaturate by 10%, it is **103, 223, 254**.

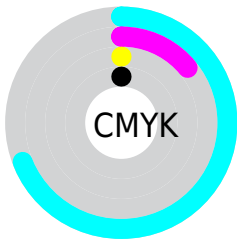
Distribution



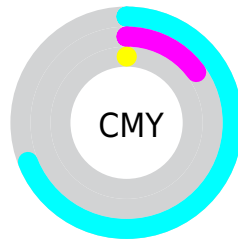
- Red (31%)
- Green (85%)
- Blue (100%)



- Red (31%)
- Yellow (61%)
- Blue (100%)



- Cyan (69%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



















- Cyan (69%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 78, 218, 254 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 78, 218, 254 by changing the saturation by 10% instead.

 78, 218, 254	 78, 218, 254
 255, 255, 255	 28, 190, 225
 146, 255, 255	 0, 163, 197
 178, 255, 255	 0, 136, 170
 209, 255, 255	 0, 111, 143
 241, 255, 255	 0, 86, 118
	 0, 62, 93
	 0, 40, 69
	 0, 12, 47
	 0, 1, 25

■ 78, 218, 254

■ 78, 218, 254

■ 53, 213, 254

■ 103, 223, 254

■ 27, 208, 254

■ 129, 228, 254

■ 2, 202, 254

■ 154, 234, 254

■ 0, 202, 254

■ 180, 239, 254

■ 205, 244, 254

■ 230, 249, 254

255, 254, 254

255, 255, 254

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79, 221, 222



78, 218, 254



127, 210, 255

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78, 218, 254



255, 176, 219



205, 206, 132

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



78, 218, 254



254, 114, 78

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240, 194, 131



78, 218, 254



255, 175, 182

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78, 218, 254



232, 185, 251



255, 182, 150



164, 215, 151

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78, 218, 254



166, 202, 255



255, 182, 150



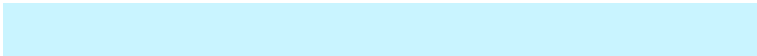
218, 202, 129

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



78, 218, 254



201, 244, 255



78, 254, 113



96, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



78, 218, 254



43, 212, 255



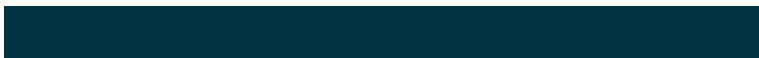
78, 131, 254



115, 125, 128



0, 152, 191



0, 51, 64

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



254, 78, 218



255, 43, 212



254, 201, 78



128, 115, 125



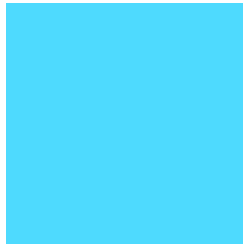
191, 0, 152



64, 0, 51

Previews

White Background



This preview shows how the RGB color 78, 218, 254 looks on a white background.

Color Contrast Check

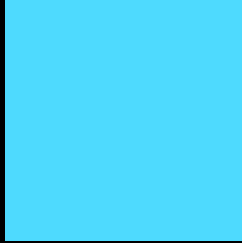
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 78, 218, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 78, 218, 254 Background



This preview shows how black text looks on a background with the RGB color 78, 218, 254.

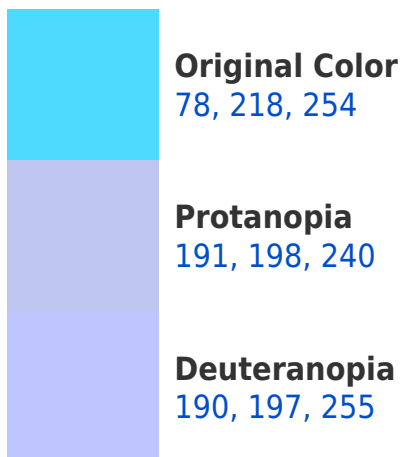


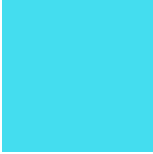
This preview shows how white text looks on a background with the RGB color 78, 218, 254.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
68, 221, 239

Trichromacy



Original Color

78, 218, 254



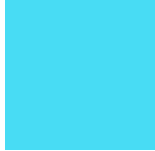
Protanomaly

150, 205, 245



Deuteranomaly

149, 205, 255



Tritanomaly

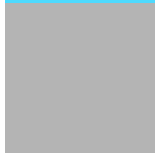
72, 220, 244

Monochromacy



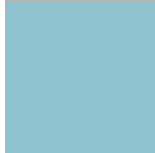
Original Color

78, 218, 254



Achromatopsia

180, 180, 180



Achromatomaly

143, 194, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 78, 218, 254 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(78, 218, 254)` looks like.

```
.text, #text, p{  
    color:rgb(78, 218, 254)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(78, 218, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 218, 254) }
```

Border

The CSS property to change the border of an element to RGB 78, 218, 254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(78, 218, 254) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(78, 218, 254) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(78, 218, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 218, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 218, 254);  
box-shadow:4px 4px 4px 4px rgb(78, 218,  
254) }
```

Background

The CSS property to change the background color of an element to RGB 78, 218, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 218, 254) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(78, 218,  
254) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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