

# Converting Colors

Hex(508FEB)

Have a look what the booklet for  
Hex(508FEB) contains.

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# **Color**

**Hex(508FEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	508FEB
RGB	80, 143, 235
RGB Percent	31%, 56%, 92%
CMY	0.6863, 0.4392, 0.0784
CMYK	0.66, 0.39, 0.00, 0.08
HSL	216°, 79%, 62%
HSV	216°, 66%, 92%
XYZ	28.1261, 27.3486, 82.3937
YIQ	134.6510, -67.0800, 15.2560

# Conversions

## Conversions Part 2

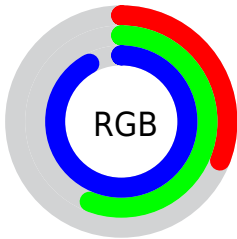
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">80, 125, 235</a>
Decimal	<a href="#">5279723</a>
CIELab	<a href="#">59.30, 8.64, -52.43</a>
CIELCh	<a href="#">59, 53.140, 279.359</a>
Yxy	<a href="#">27.3486, 0.2040, 0.1984</a>
Android (android.graphics.Color)	<a href="#">4283469803 (0xFF508FEB)</a>
YUV	<a href="#">134.6510, 49.4721, -47.9289</a>
Hunter-Lab	<a href="#">52.2958, 4.4844, -56.8061</a>

# Details

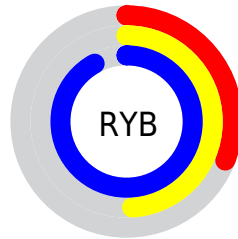
The Hex color **508FEB** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **EBAC50**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **8FC4FF**, and **005DB3** is the 20% darker color. If you saturate the color by 10%, you get **3881EB**, and if you desaturate by 10%, it is **689DEB**.

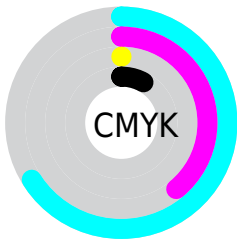
# Distribution



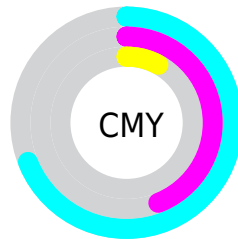
- Red (31%)
- Green (56%)
- Blue (92%)



- Red (31%)
- Yellow (49%)
- Blue (92%)



- Cyan (66%)
- Magenta (39%)
- Yellow (0%)
- Black (8%)



- Cyan (69%)
- Magenta (44%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 508FEB 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 Hex color 508FEB by changing the saturation by 10% instead.



 508FEB

 508FEB

FFFFFF

 2976CE

 8FC4FF

 005DB3

 ADE0FF

 004697

 CBFDFE

 00317D

 EAFFFF

 001D63

 00054B

 000433

 00021D

 000000

■ 508FEB

■ 508FEB

■ 3881EB

■ 689DEB

■ 2173EB

■ 7FABEB

■ 0A65EB

■ 96B9EB

■ 0060EB

■ AEC7EB

■ C6D5EB

■ DDE3EB

■ F4F1EB

■ FFFFEB

# Harmonies

## Analogous

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



009DE6



508FEB



A57CD7

# Triad

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



508FEB



DD6F56



00A36C

# Complementary

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



508FEB



EBAC50

# 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.



689D42



508FEB



C28135

# Square

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



508FEB



E46482



9A912B



00A69C

# Rectangle

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



508FEB



C770BF



9A912B



38A25D



# Sweetspot

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



508FEB



CCE1FF



50EBAA



616D80



000000



808080



# Same Dimension

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



508FEB



3687FF



5D50EB



6A6E75



004AB5



001636



# Inverse Universe

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



EB508F



FF3687



DEEB50



756A6E



B5004A



360016



# Previews

## White Background



This preview shows how the Hex color 508FEB looks on a white background.

## Color Contrast Check

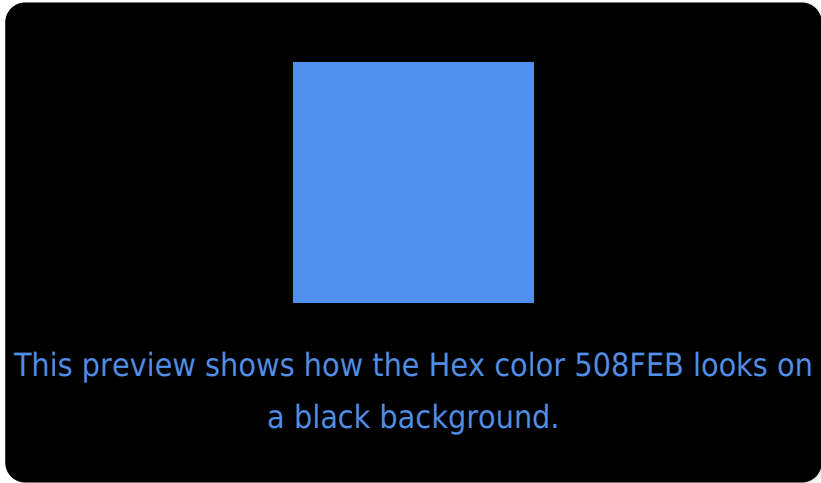
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

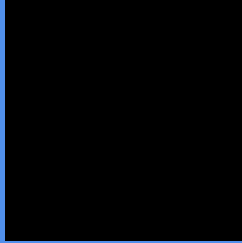
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

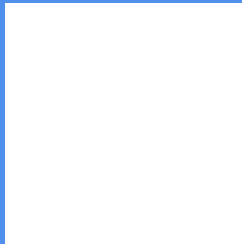
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 508FEB Background



This preview shows how black text looks on a background with the Hex color 508FEB.

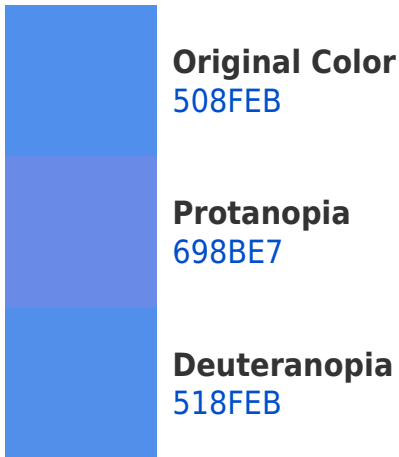


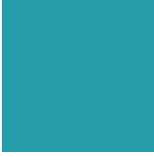
This preview shows how white text looks on a background with the Hex color 508FEB.

# Color Blindness Simulation

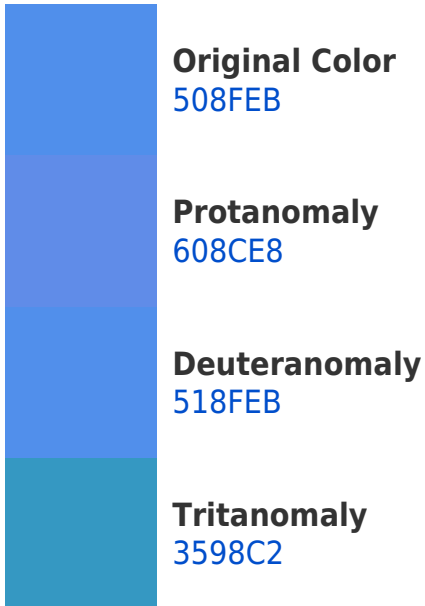
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

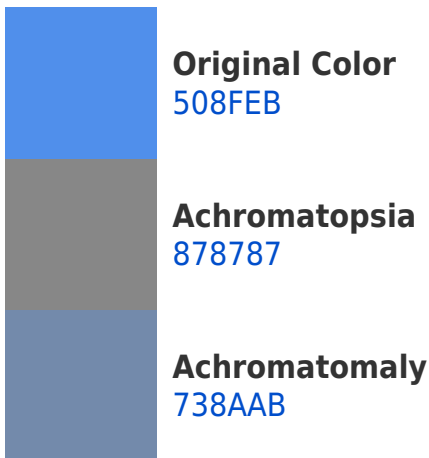




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 508FEB 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 #508FEB looks like.

```
.text, #text, p{  
    color:#508FEB  
}
```

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 #508FEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #508FEB
}
```

## Border

The CSS property to change the border of an element to Hex 508FEB 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
#508FEB }
```

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

```
.border{ border-color:#508FEB }
```

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

Here you see how a box with a 4 pixel #508FEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #508FEB; -webkit-box-shadow:4px 4px  
4px 4px #508FEB; box-shadow:4px 4px 4px  
4px #508FEB }
```

# Background

The CSS property to change the background color of an element to Hex 508FEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#508FEB }
```

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

```
.background{ background-color:#508FEB }
```

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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