

# Converting Colors

Hex(518EFF)

Have a look what the booklet for  
Hex(518EFF) contains.

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# **Color**

**Hex(518EFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	518EFF
RGB	81, 142, 255
RGB Percent	32%, 56%, 100%
CMY	0.6824, 0.4431, 0.0000
CMYK	0.68, 0.44, 0.00, 0.00
HSL	219°, 100%, 66%
HSV	219°, 68%, 100%
XYZ	31.1163, 28.3153, 98.4331
YIQ	136.6430, -72.6290, 22.2110

# Conversions

## Conversions Part 2

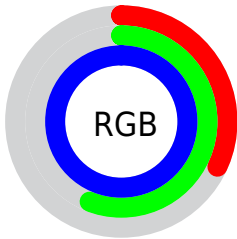
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	81, 126, 255
Decimal	5345023
CIE Lab	60.17, 16.27, -62.05
CIE LCh	60, 64.152, 284.695
Yxy	28.3153, 0.1971, 0.1794
Android (android.graphics.Color)	4283535103 (0xFF518EFF)
YUV	136.6430, 58.3500, -48.7989
Hunter-Lab	53.2122, 11.2584, -72.4276

# Details

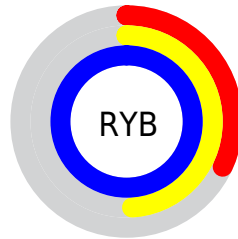
The Hex color **518EFF** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **FFC251**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **93C3FF**, and **005DC5** is the 20% darker color. If you saturate the color by 10%, you get **387DFF**, and if you desaturate by 10%, it is **6A9FFF**.

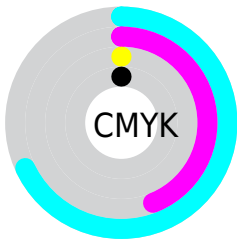
# Distribution



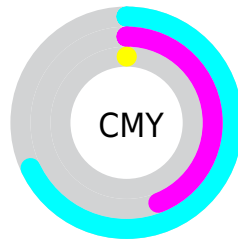
- Red (32%)
- Green (56%)
- Blue (100%)



- Red (32%)
- Yellow (49%)
- Blue (100%)



- Cyan (68%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (68%)
- Magenta (44%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 518EFF 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 518EFF by changing the saturation by 10% instead.



 518EFF

 518EFF

FFFFFF

 2675E2

 93C3FF

 005DC5

 B2DFFF

 0046AA

 D1FBFF

 00318F

 F0FFFF

 001E74

 00015B

 000742

 00032B

 000116

■ 518EFF

■ 518EFF

■ 387DFF

■ 6A9FFF

■ 1E6DFF

■ 84AFFF

■ 055CFF

■ 9EC0FF

■ 0059FF

■ B7D0FF

■ D1E1FF

■ EAF1FF

FFFFFF

# Harmonies

## Analogous

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



00A0FE



518EFF



B775E2

# Triad

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



518EFF



E86C43



00AA71

# Complementary

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



518EFF



FFC251

# 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.



51A33A



518EFF



C58416

# Square

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



518EFF



F75A78



93970A



00ACAC

# Rectangle

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



518EFF



DC65C2



93970A



00A85E



# Sweetspot

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



518EFF



CCDEFF



51FFBF



616C80



000000



808080



# Same Dimension

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



518EFF



2E77FF



6851FF



737780



0043BF



001640



# Inverse Universe

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



FF518E



FF2E77



E8FF51



807377



BF0043



400016



# Previews

## White Background



This preview shows how the Hex color 518EFF 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

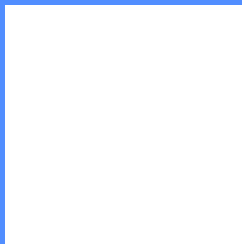
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 518EFF Background



This preview shows how black text looks on a background with the Hex color 518EFF.



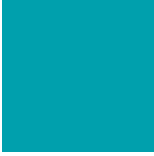
This preview shows how white text looks on a background with the Hex color 518EFF.

# 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](#).

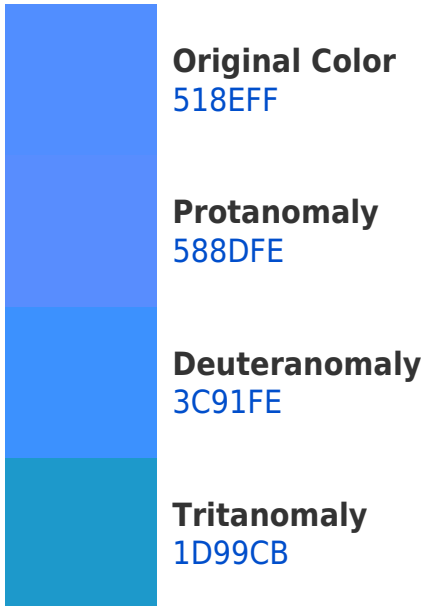
## Dichromacy





**Tritanopia**  
00A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 518EFF 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 #518EFF looks like.

```
.text, #text, p{  
    color:#518EFF  
}
```

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 #518EFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #518EFF
}
```

## Border

The CSS property to change the border of an element to Hex 518EFF 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
#518EFF }
```

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

```
.border{ border-color:#518EFF }
```

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

Here you see how a box with a 4 pixel #518EFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #518EFF; -webkit-box-shadow:4px 4px  
4px 4px #518EFF; box-shadow:4px 4px 4px  
4px #518EFF }
```

# Background

The CSS property to change the background color of an element to Hex 518EFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#518EFF }
```

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

```
.background{ background-color:#518EFF }
```

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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