

Converting Colors

Hex(518EF2)

Have a look what the booklet for
Hex(518EF2) contains.

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Color

Hex(518EF2)

Conversions

Conversions Part 1

Format	Color
Hex	518EF2
RGB	81, 142, 242
RGB Percent	32%, 56%, 95%
CMY	0.6824, 0.4431, 0.0510
CMYK	0.67, 0.41, 0.00, 0.05
HSL	217°, 86%, 63%
HSV	217°, 67%, 95%
XYZ	29.0934, 27.5061, 87.7802
YIQ	135.1610, -68.4560, 18.1680

Conversions

Conversions Part 2

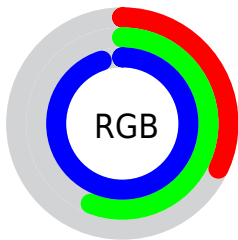
Format	Color
R_{YB}	81, 125, 242
Decimal	5345010
CIE _{Lab}	59.44, 11.80, -56.07
CIE _{LCh}	59, 57.300, 281.880
Yxy	27.5061, 0.2015, 0.1905
Android (android.graphics.Color)	4283535090 (0xFF518EF2)
YUV	135.1610, 52.6716, -47.4992
Hunter-Lab	52.4463, 7.2377, -62.5223

Details

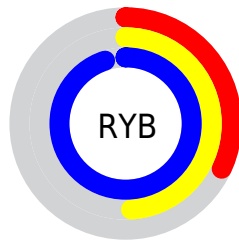
The Hex color **518EF2** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **F2B551**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **91C3FF**, and **005DB9** is the 20% darker color. If you saturate the color by 10%, you get **397FF2**, and if you desaturate by 10%, it is **699DF2**.

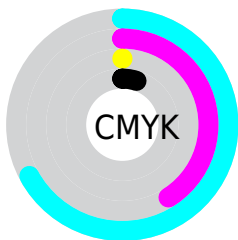
Distribution



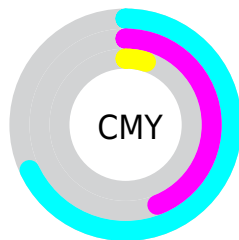
- Red (32%)
- Green (56%)
- Blue (95%)



- Red (32%)
- Yellow (49%)
- Blue (95%)



- Cyan (67%)
- Magenta (41%)
- Yellow (0%)
- Black (5%)



- Cyan (68%)
- Magenta (44%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 518EF2 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 518EF2 by changing the saturation by 10% instead.

■ 518EF2

■ 518EF2

FFFFFF

■ 2975D5

■ 91C3FF

■ 005DB9

■ AFDFFF

■ 00469E

■ CEFBFF

■ 003083

■ ECFFFF

■ 001D69

■ 000351

■ 000539

■ 000222

■ 000008

■ 518EF2

■ 518EF2

■ 397FF2

■ 699DF2

■ 2170F2

■ 81ACF2

■ 0861F2

■ 9ABBF2

■ 005CF2

■ B2CAF2

■ CAD9F2

■ E2E8F2

■ FAF7F2

■ FFFFF2

Harmonies

Analogous

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



009DEF



518EF2



AC79DB

Triad

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



518EF2



E16D4E



00A56E

Complementary

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



518EF2



F2B551

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.



5F9F3F



518EF2



C2812A

Square

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



518EF2



EB607D



979321



00A7A2

Rectangle

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



518EF2



CF6BBF



979321



1EA45D

Sweetspot

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



518EF2



CCDFFF



51F2B4



616C80



000000



808080

Same Dimension

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



518EF2



3380FF



6451F2



6C7078



0046B8



001538

Inverse Universe

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



F2518E



FF3380



DFF251



786C70



B80046



380015

Previews

White Background



This preview shows how the Hex color 518EF2 looks on a white background.

Color Contrast Check

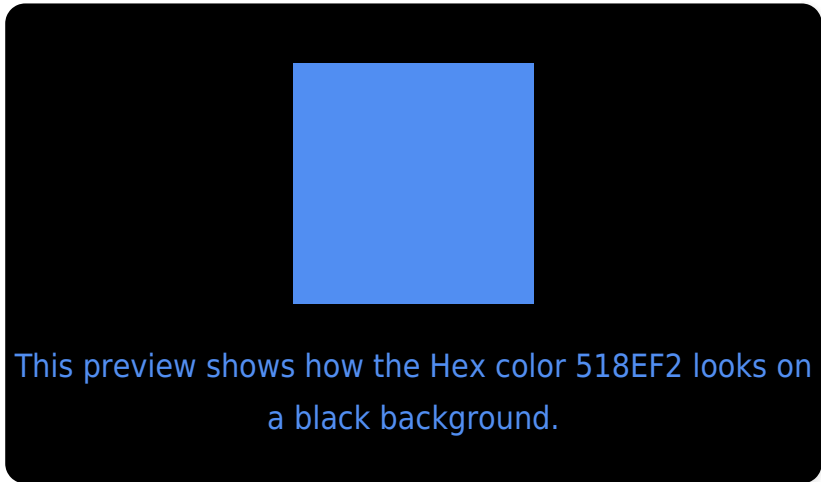
Large Text (above 18pt) WCAG AA ✓ Pass

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

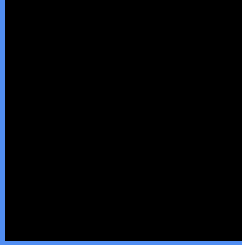
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

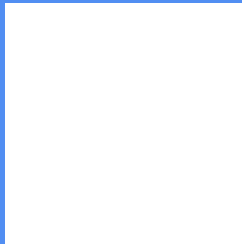
Any Text WCAG AAA × Fail

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

Hex 518EF2 Background



This preview shows how black text looks on a background with the Hex color 518EF2.



This preview shows how white text looks on a background with the Hex color 518EF2.

Color Blindness Simulation

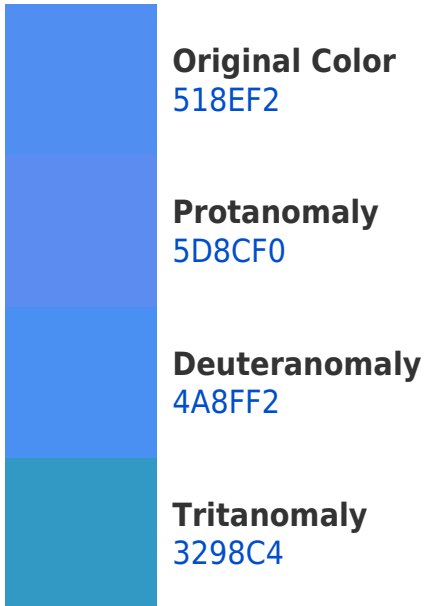
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 518EF2 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 #518EF2 looks like.

```
.text, #text, p{  
    color:#518EF2  
}
```

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 #518EF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #518EF2
}
```

Border

The CSS property to change the border of an element to Hex 518EF2 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
#518EF2 }
```

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

```
.border{ border-color:#518EF2 }
```

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

Here you see how a box with a 4 pixel #518EF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #518EF2; -webkit-box-shadow:4px 4px  
4px 4px #518EF2; box-shadow:4px 4px 4px  
4px #518EF2 }
```

Background

The CSS property to change the background color of an element to Hex 518EF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#518EF2 }
```

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

```
.background{ background-color:#518EF2 }
```

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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