

Converting Colors

Hex(5271F2)

Have a look what the booklet for
Hex(5271F2) contains.

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Color

Hex(5271F2)

Conversions

Conversions Part 1

Format	Color
Hex	5271F2
RGB	82, 113, 242
RGB Percent	32%, 44%, 95%
CMY	0.6784, 0.5569, 0.0510
CMYK	0.66, 0.53, 0.00, 0.05
HSL	228°, 86%, 64%
HSV	228°, 66%, 95%
XYZ	25.4118, 20.0149, 86.5283
YIQ	118.4370, -59.8850, 33.5470

Conversions

Conversions Part 2

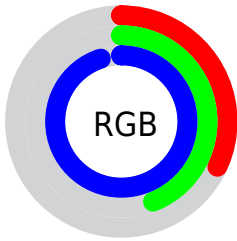
Format	Color
R _{YB}	82, 108, 242
Decimal	5403122
CIE Lab	51.85, 29.63, -68.26
CIE LCh	52, 74.417, 293.467
Yxy	20.0149, 0.1926, 0.1517
Android (android.graphics.Color)	4283593202 (0xFF5271F2)
YUV	118.4370, 60.9166, -31.9552
Hunter-Lab	44.7380, 23.0990, -83.3569

Details

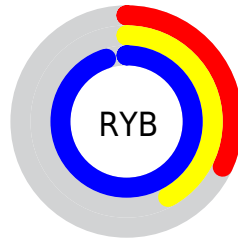
The Hex color **5271F2** is a light color, and the websafe version is hex **3366FF**. The color can be described as light muted azure. A complement of this color would be **F2D352**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **93A4FF**, and **0042B9** is the 20% darker color. If you saturate the color by 10%, you get **3A5DF2**, and if you desaturate by 10%, it is **6A85F2**.

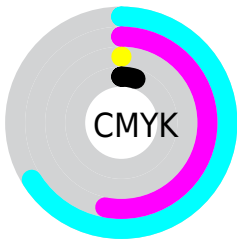
Distribution



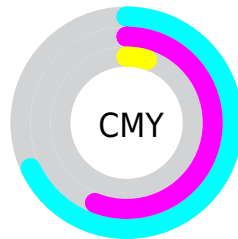
- Red (32%)
- Green (44%)
- Blue (95%)



- Red (32%)
- Yellow (42%)
- Blue (95%)



- Cyan (66%)
- Magenta (53%)
- Yellow (0%)
- Black (5%)



- Cyan (68%)
- Magenta (56%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5271F2 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 5271F2 by changing the saturation by 10% instead.

■ 5271F2

FFFFFF

■ 93A4FF

■ B1BFFF

■ D0DBFF

■ EFF8FF

■ 5271F2

■ 2959D5

■ 0042B9

■ 002D9D

■ 001A82

■ 000169

■ 000A4F

■ 000537

■ 000221

■ 000006

■ 5271F2

■ 5271F2

■ 3A5DF2

■ 6A85F2

■ 224AF2

■ 8298F2

■ 0936F2

■ 9BACF2

■ 002FF2

■ B3BFF2

■ CBD3F2

■ E3E6F2

■ FBFAF2

■ FFFFF2

Harmonies

Analogous

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



0088FC



5271F2



B94EC9

Triad

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



5271F2



CF5707



00966B

Complementary

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



5271F2



F2D352

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.



009126



5271F2



A17400

Square

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



5271F2



E8334D



668700



0097AD

Rectangle

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



5271F2



DA35A2



668700



009555

Sweetspot

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



5271F2



CCD6FF



52F2D2



616780



000000



808080

Same Dimension

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



5271F2



365DFF



8252F2



6C6E78



0024B8



000B38

Inverse Universe

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



F25271



FF365D



C2F252



786C6E



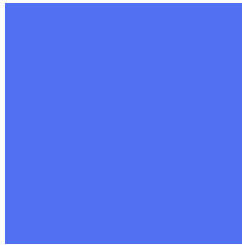
B80024



38000B

Previews

White Background



This preview shows how the Hex color 5271F2 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

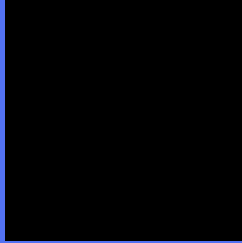
Any Text WCAG AA ✓ Pass

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 5271F2 Background



This preview shows how black text looks on a background with the Hex color 5271F2.

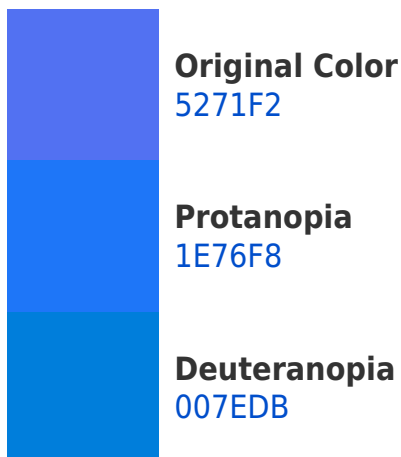


This preview shows how white text looks on a background with the Hex color 5271F2.

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](#).

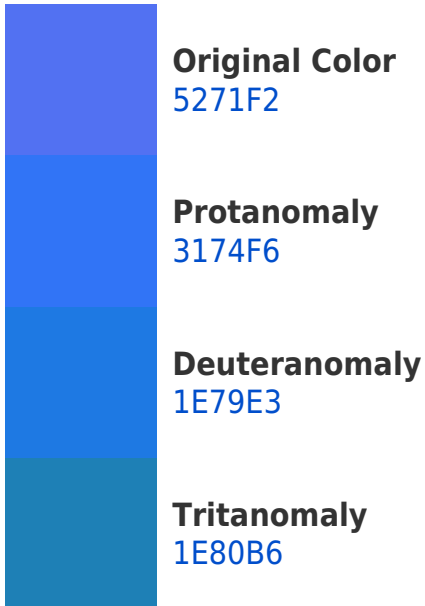
Dichromacy



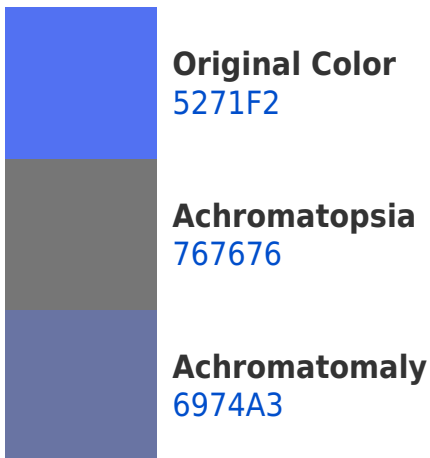


Tritanopia
008893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5271F2 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 #5271F2 looks like.

```
.text, #text, p{  
    color:#5271F2  
}
```

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 #5271F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5271F2
}
```

Border

The CSS property to change the border of an element to Hex 5271F2 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
#5271F2 }
```

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

```
.border{ border-color:#5271F2 }
```

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

Here you see how a box with a 4 pixel #5271F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5271F2; -webkit-box-shadow:4px 4px  
4px 4px #5271F2; box-shadow:4px 4px 4px  
4px #5271F2 }
```

Background

The CSS property to change the background color of an element to Hex 5271F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5271F2 }
```

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

```
.background{ background-color:#5271F2 }
```

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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