

Converting Colors

Hex(5287F2)

Have a look what the booklet for
Hex(5287F2) contains.

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Color

Hex(5287F2)

Conversions

Conversions Part 1

Format	Color
Hex	5287F2
RGB	82, 135, 242
RGB Percent	32%, 53%, 95%
CMY	0.6784, 0.4706, 0.0510
CMYK	0.66, 0.44, 0.00, 0.05
HSL	220°, 86%, 64%
HSV	220°, 66%, 95%
XYZ	28.1707, 25.5326, 87.4479
YIQ	131.3510, -65.9350, 22.0410

Conversions

Conversions Part 2

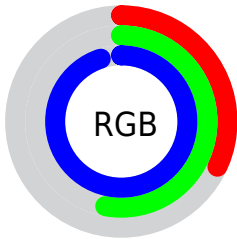
Format	Color
R_{YB}	82, 122, 242
Decimal	5408754
CIE _{Lab}	57.59, 16.17, -59.03
CIE _{LCh}	58, 61.199, 285.317
Yxy	25.5326, 0.1996, 0.1809
Android (android.graphics.Color)	4283598834 (0xFF5287F2)
YUV	131.3510, 54.5500, -43.2808
Hunter-Lab	50.5298, 11.0877, -67.2377

Details

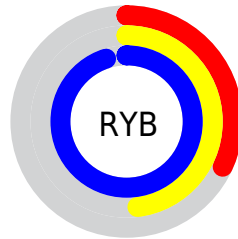
The Hex color **5287F2** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **F2BD52**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **92BCFF**, and **0056B9** is the 20% darker color. If you saturate the color by 10%, you get **3A77F2**, and if you desaturate by 10%, it is **6A97F2**.

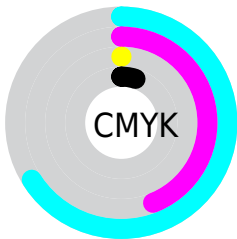
Distribution



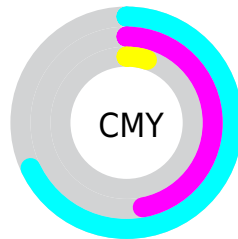
- Red (32%)
- Green (53%)
- Blue (95%)



- Red (32%)
- Yellow (48%)
- Blue (95%)



- Cyan (66%)
- Magenta (44%)
- Yellow (0%)
- Black (5%)



- Cyan (68%)
- Magenta (47%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5287F2 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 5287F2 by changing the saturation by 10% instead.

■ 5287F2

■ 5287F2

FFFFFF

■ 2B6ED5

■ 92BCFF

■ 0056B9

■ B0D7FF

■ 00409E

■ CFF4FF

■ 002B83

■ EDFFFF

■ 001869

■ 000650

■ 000538

■ 000222

■ 000008

■ 5287F2

■ 5287F2

■ 3A77F2

■ 6A97F2

■ 2267F2

■ 82A7F2

■ 0956F2

■ 9BB8F2

■ 0050F2

■ B3C8F2

■ CBD8F2

■ E3E8F2

■ FBF8F2

■ FFFF2

Harmonies

Analogous

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



0098F2



5287F2



AF70D6

Triad

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



5287F2



DD6840



00A26D

Complementary

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



5287F2



F2BD52

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.



4C9C39



5287F2



BB7E16

Square

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



5287F2



EB5771



8B900E



00A3A5

Rectangle

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



5287F2



D260B8



8B900E



00A05B

Sweetspot

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



5287F2



CCDDFF



52F2BD



616B80



000000



808080

Same Dimension

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



5287F2



3678FF



6D52F2



6C7078



003DB8



001338

Inverse Universe

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



F25287



FF3678



D7F252



786C70



B8003D



380013

Previews

White Background



This preview shows how the Hex color 5287F2 looks on a white background.

Color Contrast Check

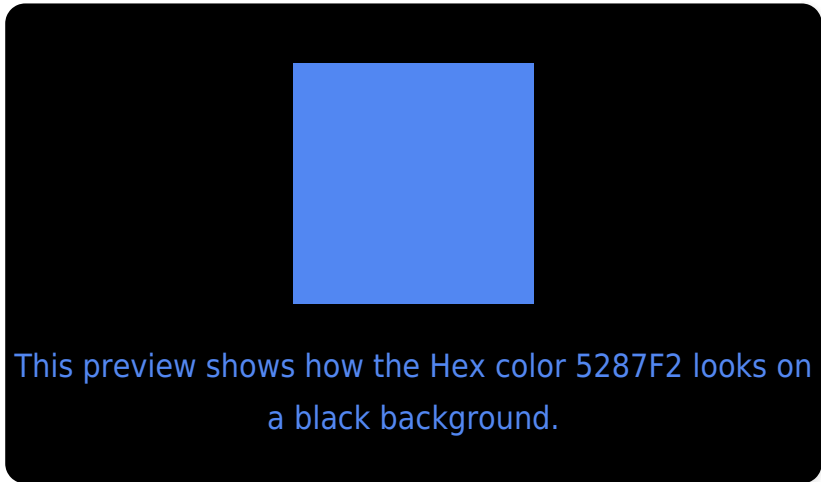
Large Text (above 18pt) WCAG AA ✓ Pass

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

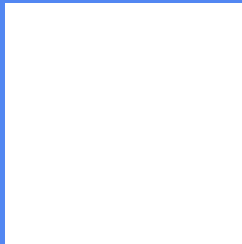
Any Text WCAG AAA × Fail

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

Hex 5287F2 Background



This preview shows how black text looks on a background with the Hex color 5287F2.



This preview shows how white text looks on a background with the Hex color 5287F2.

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](#).

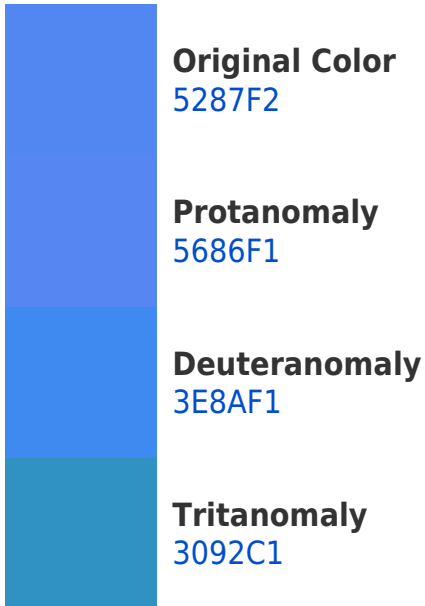
Dichromacy





Tritanopia
1D98A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5287F2 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 #5287F2 looks like.

```
.text, #text, p{  
    color:#5287F2  
}
```

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 #5287F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5287F2
}
```

Border

The CSS property to change the border of an element to Hex 5287F2 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
#5287F2 }
```

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

```
.border{ border-color:#5287F2 }
```

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

Here you see how a box with a 4 pixel #5287F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5287F2; -webkit-box-shadow:4px 4px  
4px 4px #5287F2; box-shadow:4px 4px 4px  
4px #5287F2 }
```

Background

The CSS property to change the background color of an element to Hex 5287F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5287F2 }
```

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

```
.background{ background-color:#5287F2 }
```

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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