

Converting Colors

Hex(5187FC)

Have a look what the booklet for
Hex(5187FC) contains.

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Color

Hex(5187FC)

Conversions

Conversions Part 1

Format	Color
Hex	5187FC
RGB	81, 135, 252
RGB Percent	32%, 53%, 99%
CMY	0.6824, 0.4706, 0.0118
CMYK	0.68, 0.46, 0.00, 0.01
HSL	221°, 97%, 65%
HSV	221°, 68%, 99%
XYZ	29.6280, 26.1056, 95.5728
YIQ	132.1920, -69.7410, 24.9390

Conversions

Conversions Part 2

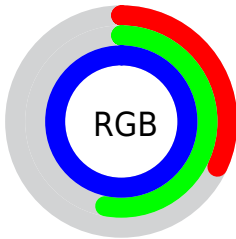
Format	Color
R_{YB}	81, 122, 252
Decimal	5343228
CIE _{Lab}	58.14, 19.46, -63.67
CIE _{LCh}	58, 66.579, 286.997
Yxy	26.1056, 0.1958, 0.1725
Android (android.graphics.Color)	4283533308 (0xFF5187FC)
YUV	132.1920, 59.0653, -44.8954
Hunter-Lab	51.0936, 14.0943, -75.1390

Details

The Hex color **5187FC** 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 **FCC651**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **93BCFF**, and **0056C3** is the 20% darker color. If you saturate the color by 10%, you get **3876FC**, and if you desaturate by 10%, it is **6A98FC**.

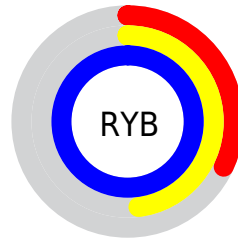
Distribution



Red (32%)

Green (53%)

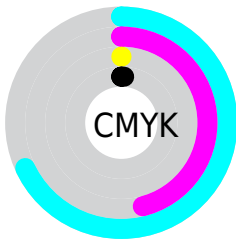
Blue (99%)



Red (32%)

Yellow (48%)

Blue (99%)

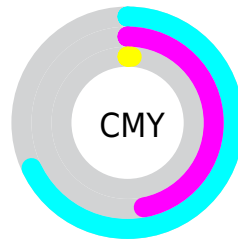


Cyan (68%)

Magenta (46%)

Yellow (0%)

Black (1%)



Cyan (68%)

Magenta (47%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5187FC 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 5187FC by changing the saturation by 10% instead.

 5187FC

 5187FC

FFFFFF

 266EDF

 93BCFF

 0056C3

 B2D7FF

 0040A7

 D0F4FF

 002B8C

 EFFFFFF

 001972

 000458

 000740

 000329

 000113

■ 5187FC

■ 5187FC

■ 3876FC

■ 6A98FC

■ 1F65FC

■ 83A9FC

■ 0553FC

■ 9DBBFC

■ 0050FC

■ B6CCFC

■ CFDDFC

■ E8EEFC

FFFFFC

Harmonies

Analogous

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



009AFE



5187FC



B76CDC

Triad

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



5187FC



E26737



00A56F

Complementary

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



5187FC



FCC651

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.



3F9F35



5187FC



BC8000

Square

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



5187FC



F3516D



889300



00A7AC

Rectangle

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



5187FC



DC5ABA



889300



00A35C

Sweetspot

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



5187FC



CCDCFF



51FCC6



616B80



000000



808080

Same Dimension

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



5187FC



3072FF



7051FC



70747D



003CBD



00133D

Inverse Universe

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



FC5187



FF3072



DDFC51



7D7074



BD003C



3D0013

Previews

White Background



This preview shows how the Hex color 5187FC looks on a white background.

Color Contrast Check

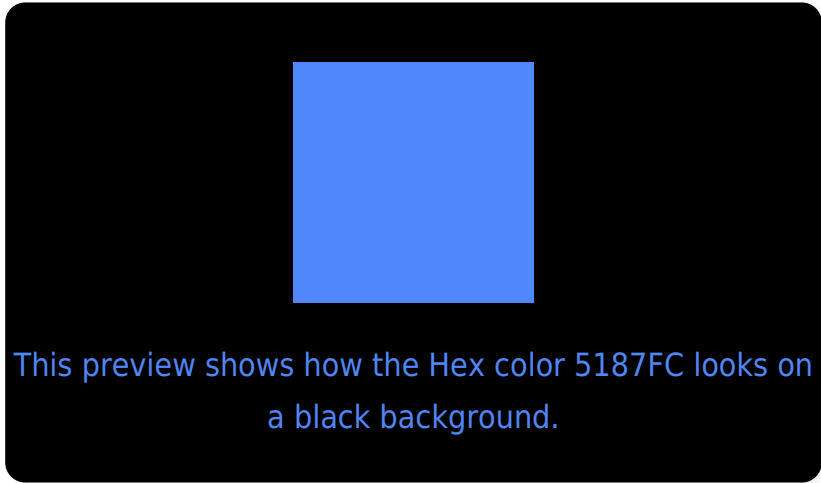
Large Text (above 18pt) WCAG AA ✓ Pass

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

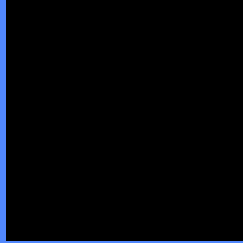
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

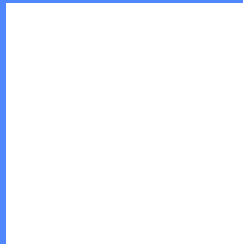
Any Text WCAG AAA × Fail

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

Hex 5187FC Background



This preview shows how black text looks on a background with the Hex color 5187FC.



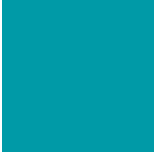
This preview shows how white text looks on a background with the Hex color 5187FC.

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](#).

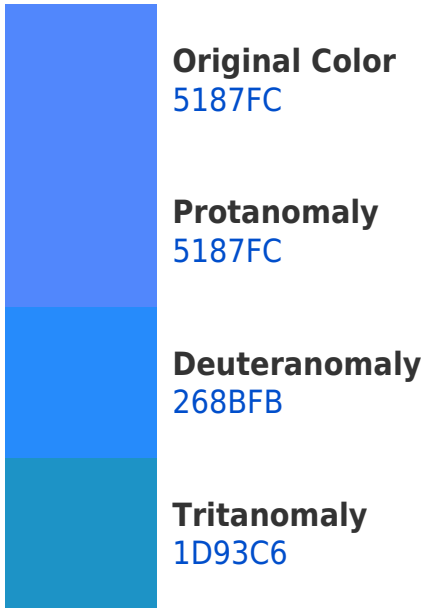
Dichromacy



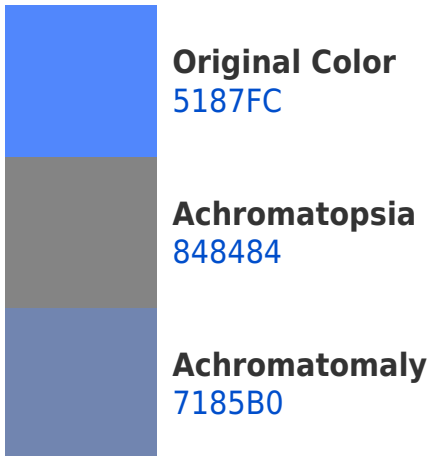


Tritanopia
009AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5187FC 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 #5187FC looks like.

```
.text, #text, p{  
    color:#5187FC  
}
```

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 #5187FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5187FC
}
```

Border

The CSS property to change the border of an element to Hex 5187FC 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
#5187FC }
```

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

```
.border{ border-color:#5187FC }
```

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

Here you see how a box with a 4 pixel #5187FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5187FC; -webkit-box-shadow:4px 4px  
4px 4px #5187FC; box-shadow:4px 4px 4px  
4px #5187FC }
```

Background

The CSS property to change the background color of an element to Hex 5187FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5187FC }
```

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

```
.background{ background-color:#5187FC }
```

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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