

Converting Colors

Hex(587AFC)

Have a look what the booklet for
Hex(587AFC) contains.

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Color

Hex(587AFC)

Conversions

Conversions Part 1

Format	Color
Hex	587AFC
RGB	88, 122, 252
RGB Percent	35%, 48%, 99%
CMY	0.6549, 0.5216, 0.0118
CMYK	0.65, 0.52, 0.00, 0.01
HSL	228°, 96%, 67%
HSV	228°, 65%, 99%
XYZ	28.5547, 23.0220, 95.0342
YIQ	126.6540, -61.9940, 33.2220

Conversions

Conversions Part 2

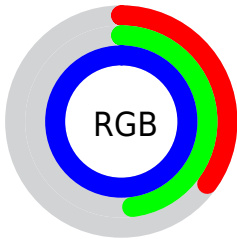
Format	Color
R _Y B	88, 116, 252
Decimal	5798652
CIE Lab	55.10, 28.43, -68.56
CIE LCh	55, 74.217, 292.525
Yxy	23.0220, 0.1948, 0.1570
Android (android.graphics.Color)	4283988732 (0xFF587AFC)
YUV	126.6540, 61.7956, -33.8996
Hunter-Lab	47.9813, 22.2620, -83.8458

Details

The Hex color **587AFC** 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 **FCDA58**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **98AEFF**, and **004AC2** is the 20% darker color. If you saturate the color by 10%, you get **3F66FC**, and if you desaturate by 10%, it is **718EFC**.

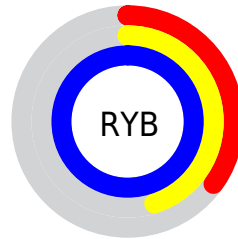
Distribution



Red (35%)

Green (48%)

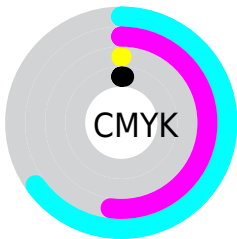
Blue (99%)



Red (35%)

Yellow (45%)

Blue (99%)

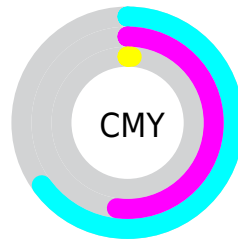


Cyan (65%)

Magenta (52%)

Yellow (0%)

Black (1%)



Cyan (65%)

Magenta (52%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Hex color 587AFC 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 587AFC by changing the saturation by 10% instead.

 587AFC

 587AFC

FFFFFF

 3161DF

 98AEFF

 004AC2

 B7C9FF

 0034A7

 D6E5FF

 00218B

 F5FFFF

 000E71

 000758

 00073F

 000328

 000112

■ 587AFC

■ 587AFC

■ 3F66FC

■ 718EFC

■ 2652FC

■ 8AA2FC

■ 0C3EFC

■ A4B6FC

■ 0034FC

■ BDCAFC

■ D6DEFC

■ EFF2FC

FFFFFC

Harmonies

Analogous

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



0091FF



587AFC



C059D3

Triad

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



587AFC



DA5E17



009F71

Complementary

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



587AFC



FCDA58

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.



009A2D



587AFC



AD7C00

Square

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



587AFC



F23E57



718F00



00A0B4

Rectangle

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



587AFC



E241AC



718F00



009E5B

Sweetspot

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



587AFC



CCD7FF



58FCD8



616780



000000



808080

Same Dimension

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



587AFC



3861FF



8658FC



70737D



0027BD



000D3D

Inverse Universe

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



FC587A



FF3861



CEFC58



7D7073



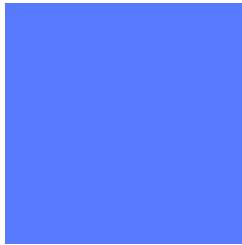
BD0027



3D000D

Previews

White Background



This preview shows how the Hex color 587AFC looks on a white background.

Color Contrast Check

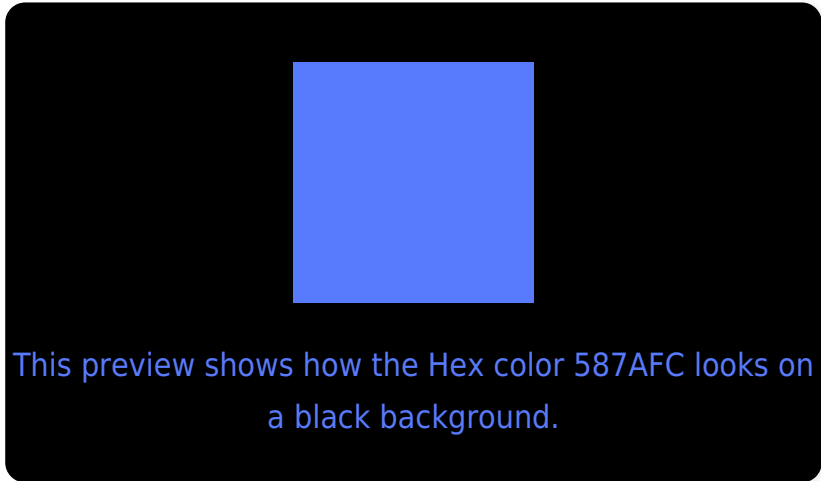
Large Text (above 18pt) WCAG AA ✓ Pass

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

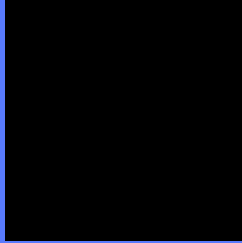
Any Text WCAG AA ✓ Pass

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 587AFC Background



This preview shows how black text looks on a background with the Hex color 587AFC.



This preview shows how white text looks on a background with the Hex color 587AFC.

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](#).

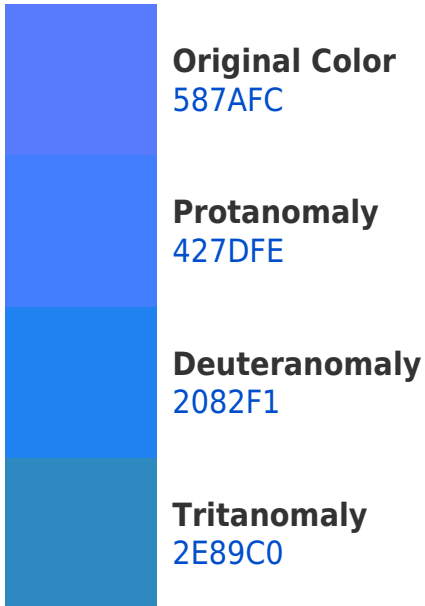
Dichromacy



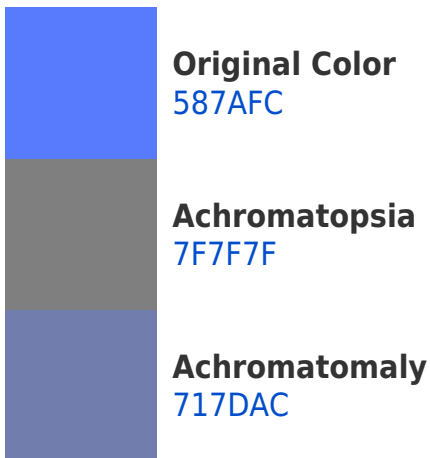


Tritanopia
16919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 587AFC 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 #587AFC looks like.

```
.text, #text, p{  
    color:#587AFC  
}
```

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 #587AFC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #587AFC
}
```

Border

The CSS property to change the border of an element to Hex 587AFC 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
#587AFC }
```

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

```
.border{ border-color:#587AFC }
```

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

Here you see how a box with a 4 pixel #587AFC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #587AFC; -webkit-box-shadow:4px 4px  
4px 4px #587AFC; box-shadow:4px 4px 4px  
4px #587AFC }
```

Background

The CSS property to change the background color of an element to Hex 587AFC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#587AFC }
```

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

```
.background{ background-color:#587AFC }
```

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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