

Converting Colors

Hex(578AFD)

Have a look what the booklet for
Hex(578AFD) contains.

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Color

Hex(578AFD)

Conversions

Conversions Part 1

Format	Color
Hex	578AFD
RGB	87, 138, 253
RGB Percent	34%, 54%, 99%
CMY	0.6588, 0.4588, 0.0078
CMYK	0.66, 0.45, 0.00, 0.01
HSL	222°, 98%, 67%
HSV	222°, 66%, 99%
XYZ	30.7486, 27.2950, 96.5764
YIQ	135.8610, -67.3110, 24.9530

Conversions

Conversions Part 2

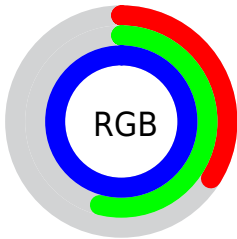
Format	Color
R _Y B	87, 126, 253
Decimal	5737213
CIE Lab	59.25, 18.90, -62.43
CIE LCh	59, 65.226, 286.846
Yxy	27.2950, 0.1989, 0.1765
Android (android.graphics.Color)	4283927293 (0xFF578AFD)
YUV	135.8610, 57.7495, -42.8511
Hunter-Lab	52.2447, 13.6280, -73.0287




Details

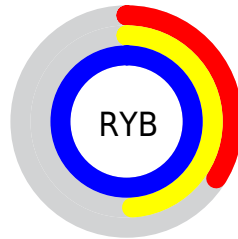
The Hex color **578AFD** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **FDCA57**, and the grayscale version is **878787**.




A 20% lighter version of the original color is **97BFFF**, and **0059C4** is the 20% darker color. If you saturate the color by 10%, you get **3E78FD**, and if you desaturate by 10%, it is **709CFD**.

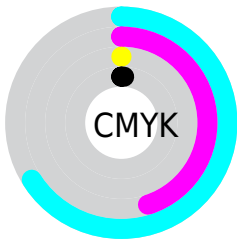
Distribution







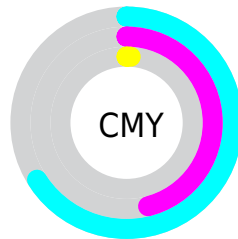
-  Red (34%)
-  Green (54%)
-  Blue (99%)






-  Red (34%)
-  Yellow (49%)
-  Blue (99%)



-  Cyan (66%)
-  Magenta (45%)
-  Yellow (0%)
-  Black (1%)



-  Cyan (66%)
-  Magenta (46%)
-  Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 578AFD 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 578AFD by changing the saturation by 10% instead.

■ 578AFD

■ 578AFD

FFFFFF

■ 3071E0

■ 97BFFF

■ 0059C4

■ B6DBFF

■ 0042A8

■ D5F7FF

■ 002D8D

■ F3FFFF

■ 001B73

■ 000159

■ 000741

■ 00032A

■ 000114

■ 578AFD

■ 578AFD

■ 3E78FD

■ 709CFD

■ 2467FD

■ 8AADF

■ 0B55FD

■ A3BFFD

■ 004EFD

■ BCD0FD

■ D6E2FD

■ EFF3FD

FFFFFD

Harmonies

Analogous

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



009CFE



578AFD



BA70DE

Triad

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



578AFD



E56A3C



00A873

Complementary

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



578AFD



FDCA57

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.



46A23A



578AFD



BF8309

Square

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



578AFD



F55671



8C9601



00A9AE

Rectangle

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



578AFD



DD5FBD



8C9601



00A65F

Sweetspot

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



578AFD



CCDCFF



57FDC8



616A80



000000



808080

Same Dimension

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



578AFD



3673FF



7557FD



737780



003BBF



001440

Inverse Universe

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



FD578A



FF3673



DFFD57



807377



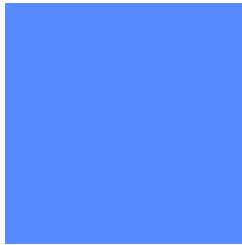
BF003B



400014

Previews

White Background



This preview shows how the Hex color 578AFD looks on a white background.

Color Contrast Check

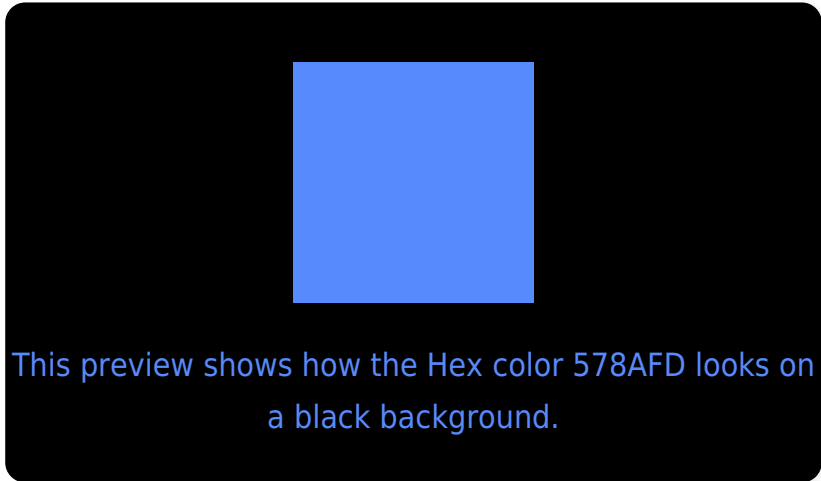
Large Text (above 18pt) WCAG AA ✓ Pass

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

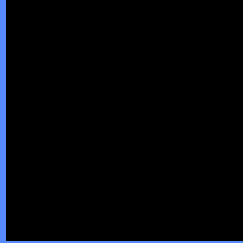
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

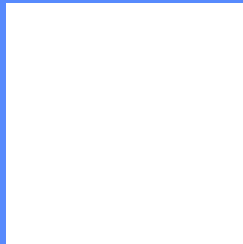
Any Text WCAG AAA × Fail

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

Hex 578AFD Background



This preview shows how black text looks on a background with the Hex color 578AFD.



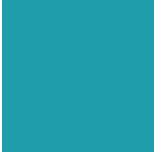
This preview shows how white text looks on a background with the Hex color 578AFD.

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](#).

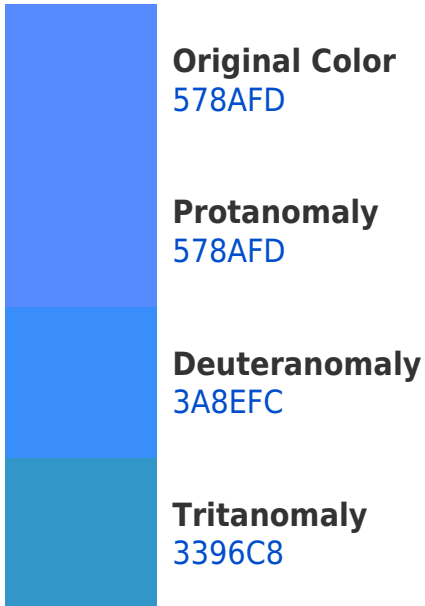
Dichromacy





Tritanopia
1F9DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 578AFD 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 #578AFD looks like.

```
.text, #text, p{  
    color:#578AFD  
}
```

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 #578AFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #578AFD
}
```

Border

The CSS property to change the border of an element to Hex 578AFD 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
#578AFD }
```

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

```
.border{ border-color:#578AFD }
```

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

Here you see how a box with a 4 pixel #578AFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #578AFD; -webkit-box-shadow:4px 4px  
4px 4px #578AFD; box-shadow:4px 4px 4px  
4px #578AFD }
```

Background

The CSS property to change the background color of an element to Hex 578AFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#578AFD }
```

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

```
.background{ background-color:#578AFD }
```

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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