

Converting Colors

Hex(578EFD)

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

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Color

Hex(578EFD)

Conversions

Conversions Part 1

Format	Color
Hex	578EFD
RGB	87, 142, 253
RGB Percent	34%, 56%, 99%
CMY	0.6588, 0.4431, 0.0078
CMYK	0.66, 0.44, 0.00, 0.01
HSL	220°, 98%, 67%
HSV	220°, 66%, 99%
XYZ	31.3331, 28.4641, 96.7712
YIQ	138.2090, -68.4110, 22.8610

Conversions

Conversions Part 2

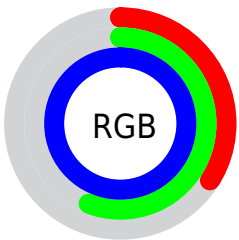
Format	Color
R _Y B	87, 128, 253
Decimal	5738237
CIE Lab	60.31, 16.50, -60.73
CIE LCh	60, 62.930, 285.199
Yxy	28.4641, 0.2001, 0.1818
Android (android.graphics.Color)	4283928317 (0xFF578EFD)
YUV	138.2090, 56.5920, -44.9103
Hunter-Lab	53.3517, 11.4662, -70.1960

Details

The Hex color **578EFD** 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 **FDC657**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **97C3FF**, and **005DC4** is the 20% darker color. If you saturate the color by 10%, you get **3E7DFD**, and if you desaturate by 10%, it is **709FFD**.

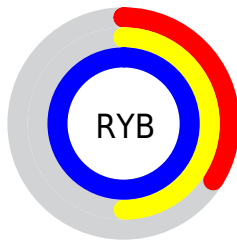
Distribution



■ Red (34%)

■ Green (56%)

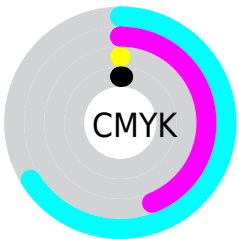
■ Blue (99%)



■ Red (34%)

■ Yellow (50%)

■ Blue (99%)

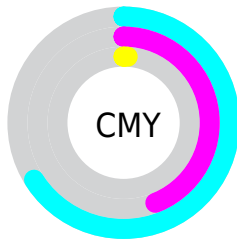


■ Cyan (66%)

■ Magenta (44%)

■ Yellow (0%)

■ Black (1%)



■ Cyan (66%)

■ Magenta (44%)

■ Yellow (1%)

Brightness & Saturation Gradients

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

 578EFD

 578EFD

FFFFFF

 3075E0

 97C3FF

 005DC4

 B6DFFF

 0046A8

 D4FBFF

 00308D

 F3FFFF

 001D73

 000159

 000741

 00032A

 000114

■ 578EFD

■ 578EFD

■ 3E7DFD

■ 709FFD

■ 246CFD

■ 8AB0FD

■ 0B5BFD

■ A3C1FD

■ 0054FD

■ BCD2FD

■ D6E3FD

■ EFF4FD

FFFFFD

Harmonies

Analogous

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



009FFD



578EFD



B876E0

Triad

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



578EFD



E76E44



00AA73

Complementary

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



578EFD



FDC657

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.



52A33D



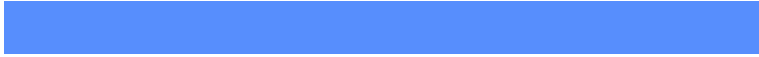
578EFD



C4851A

Square

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



578EFD



F55C78



939712



00ACAD

Rectangle

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



578EFD



DC66C1



939712



00A860

Sweetspot

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



578EFD



CCDDFF



57FDC6



616B80



000000



808080

Same Dimension

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



578EFD



3678FF



7357FD



737780



003FBF



001540

Inverse Universe

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



FD578E



FF3678



E1FD57



807377



BF003F



400015

Previews

White Background



This preview shows how the Hex color 578EFD 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

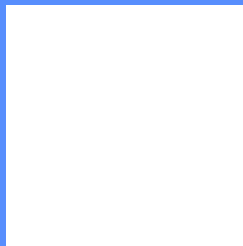
Any Text WCAG AAA × Fail

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

Hex 578EFD Background



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



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

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](#).

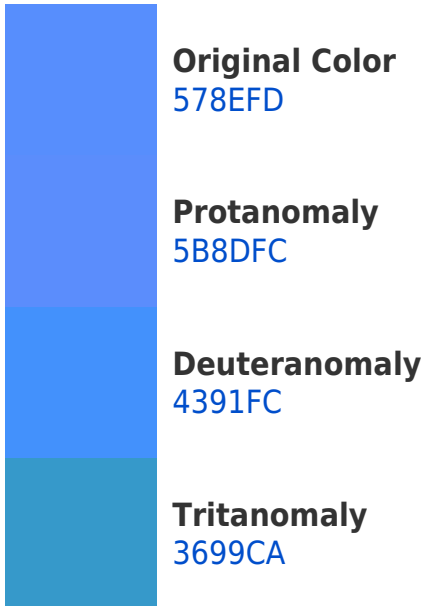
Dichromacy





Tritanopia
23A0AD

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #578EFD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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