

Converting Colors

Hex(578FE3)

Have a look what the booklet for
Hex(578FE3) contains.

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Color

Hex(578FE3)

Conversions

Conversions Part 1

Format	Color
Hex	578FE3
RGB	87, 143, 227
RGB Percent	34%, 56%, 89%
CMY	0.6588, 0.4392, 0.1098
CMYK	0.62, 0.37, 0.00, 0.11
HSL	216°, 71%, 62%
HSV	216°, 62%, 89%
XYZ	27.6181, 27.2172, 76.4709
YIQ	135.8320, -60.3400, 14.2520

Conversions

Conversions Part 2

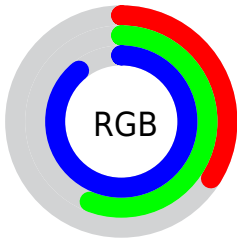
Format	Color
R _Y B	87, 127, 227
Decimal	5738467
CIE Lab	59.17, 7.14, -48.17
CIE LCh	59, 48.692, 278.436
Yxy	27.2172, 0.2103, 0.2073
Android (android.graphics.Color)	4283928547 (0xFF578FE3)
YUV	135.8320, 44.9458, -42.8257
Hunter-Lab	52.1701, 3.1975, -50.3881

Details

The Hex color **578FE3** 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 **E3AB57**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **93C4FF**, and **005DAB** is the 20% darker color. If you saturate the color by 10%, you get **4081E3**, and if you desaturate by 10%, it is **6E9DE3**.

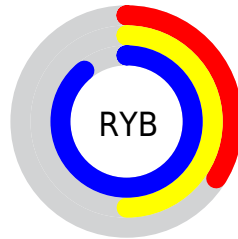
Distribution



Red (34%)

Green (56%)

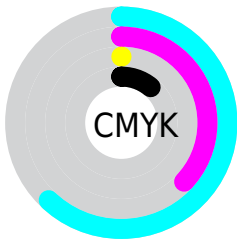
Blue (89%)



Red (34%)

Yellow (50%)

Blue (89%)

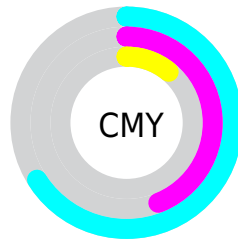


Cyan (62%)

Magenta (37%)

Yellow (0%)

Black (11%)



Cyan (66%)

Magenta (44%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 578FE3 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 578FE3 by changing the saturation by 10% instead.

■ 578FE3

■ 578FE3

FFFFFF

■ 3576C7

■ 93C4FF

■ 005DAB

■ B1E0FF

■ 004690

■ CFFDFF

■ 003076

■ EDFFFF

■ 001D5D

■ 000545

■ 00032D

■ 000118

■ 000000

■ 578FE3

■ 578FE3

■ 4081E3

■ 6E9DE3

■ 2A74E3

■ 84AAE3

■ 1366E3

■ 9BB8E3

■ 005BE3

■ B2C5E3

■ C9D3E3

■ DFE1E3

■ F6EEE3

■ FFFCE3

■ FFFF E3

Harmonies

Analogous

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



009BDD



578FE3



A17ED2

Triad

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



578FE3



D8715B



27A26D

Complementary

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



578FE3



E3AB57

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.



6D9B48



578FE3



C0813E

Square

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



578FE3



DE6984



9B9035



00A49A

Rectangle

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



578FE3



C173BC



9B9035



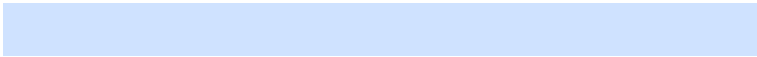
46A060

Sweetspot

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



578FE3



CFE2FF



57E3AB



626E80



000000



808080

Same Dimension

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



578FE3



428EFF



6557E3



676C73



0047B3



001433

Inverse Universe

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



E3578F



FF428E



D5E357



73676C



B30047



330014

Previews

White Background



This preview shows how the Hex color 578FE3 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



This preview shows how the Hex color 578FE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

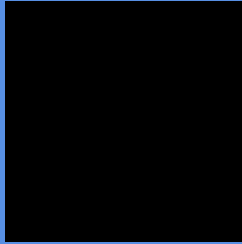
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

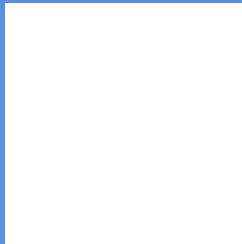
Any Text WCAG AAA × Fail

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

Hex 578FE3 Background



This preview shows how black text looks on a background with the Hex color 578FE3.

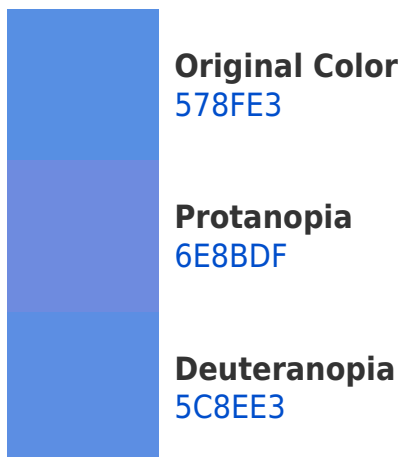


This preview shows how white text looks on a background with the Hex color 578FE3.

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](#).

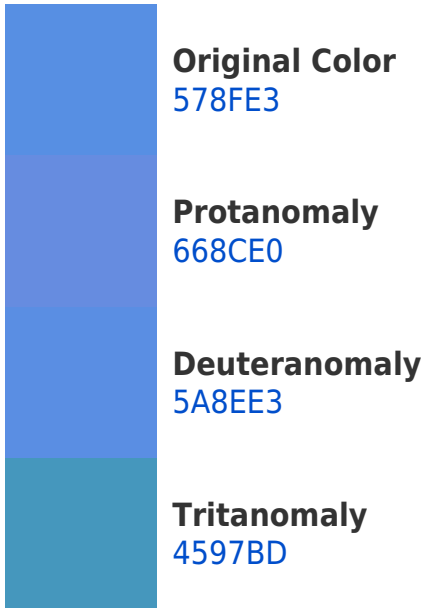
Dichromacy





Tritanopia
3A9BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 578FE3 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 #578FE3 looks like.

```
.text, #text, p{  
    color:#578FE3  
}
```

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 #578FE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #578FE3
}
```

Border

The CSS property to change the border of an element to Hex 578FE3 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
#578FE3 }
```

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

```
.border{ border-color:#578FE3 }
```

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

Here you see how a box with a 4 pixel #578FE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #578FE3; -webkit-box-shadow:4px 4px  
4px 4px #578FE3; box-shadow:4px 4px 4px  
4px #578FE3 }
```

Background

The CSS property to change the background color of an element to Hex 578FE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#578FE3 }
```

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

```
.background{ background-color:#578FE3 }
```

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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