

Converting Colors

Hex(580EF1)

Have a look what the booklet for
Hex(580EF1) contains.

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Color

Hex(580EF1)

Conversions

Conversions Part 1

Format	Color
Hex	580EF1
RGB	88, 14, 241
RGB Percent	35%, 5%, 95%
CMY	0.6549, 0.9451, 0.0549
CMYK	0.63, 0.94, 0.00, 0.05
HSL	260°, 89%, 50%
HSV	260°, 94%, 95%
XYZ	20.0587, 8.7397, 83.8488
YIQ	62.0040, -28.7630, 86.2850

Conversions

Conversions Part 2

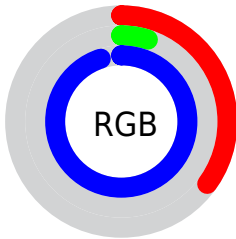
Format	Color
R_{YB}	88, 14, 241
Decimal	5770993
CIE _{Lab}	35.48, 75.80, -94.56
CIE _{LCh}	35, 121.193, 308.714
Yxy	8.7397, 0.1781, 0.0776
Android (android.graphics.Color)	4283961073 (0xFF580EF1)
YUV	62.0040, 88.2450, 22.7985
Hunter-Lab	29.5629, 69.3789, -147.4692

Details

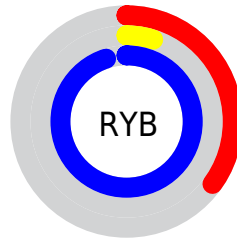
The Hex color **580EF1** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **A7F10E**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **9C50FF**, and **0000B7** is the 20% darker color. If you saturate the color by 10%, you get **4F00F1**, and if you desaturate by 10%, it is **6826F1**.

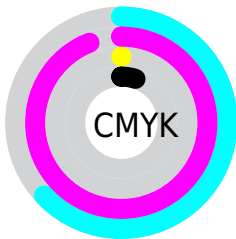
Distribution



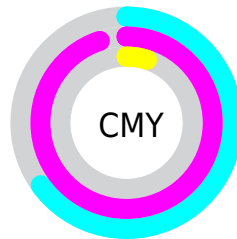
- Red (35%)
- Green (5%)
- Blue (95%)



- Red (35%)
- Yellow (5%)
- Blue (95%)



- Cyan (63%)
- Magenta (94%)
- Yellow (0%)
- Black (5%)



- Cyan (65%)
- Magenta (95%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 580EF1 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 580EF1 by changing the saturation by 10% instead.

■ 580EF1

■ 580EF1

FFFFFF

■ 2C00D4

■ 9C50FF

■ 0000B7

■ BC6CFF

■ 00009B

■ DC88FF

■ 000080

■ FCA4FF

■ 000766

■ FFC0FF

■ 00094D

■ FFDDFF

■ 000535

■ FFFBFF

■ 00021F

■ 000001

■ 580EF1

■ 580EF1

■ 4F00F1

■ 6826F1

■ 783EF1

■ 8956F1

■ 996EF1

■ A986F1

■ B99FF1

■ CAB7F1

■ DACFF1

■ EAE7F1

Harmonies

Analogous

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



005EFF



580EF1



D0009C

Triad

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



580EF1



9B2C00



00706F

Complementary

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



580EF1



A7F10E

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.



006E00



580EF1



4D5A00

Square

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



580EF1



D20000



006900



0074CF

Rectangle

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



580EF1



E8005D



006900



006F4D

Sweetspot

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



580EF1



CFB8FF



0EA9F1



625480



000000



808080

Same Dimension

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



580EF1



5300FF



C70EF1



706C78



3C00B8



120038

Inverse Universe

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



F10EA7



FF00AC



38F10E



786C74



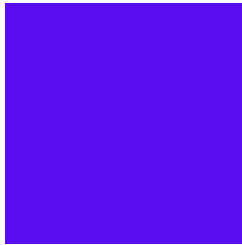
B8007C



380026

Previews

White Background



This preview shows how the Hex color 580EF1 looks on a white background.

Color Contrast Check

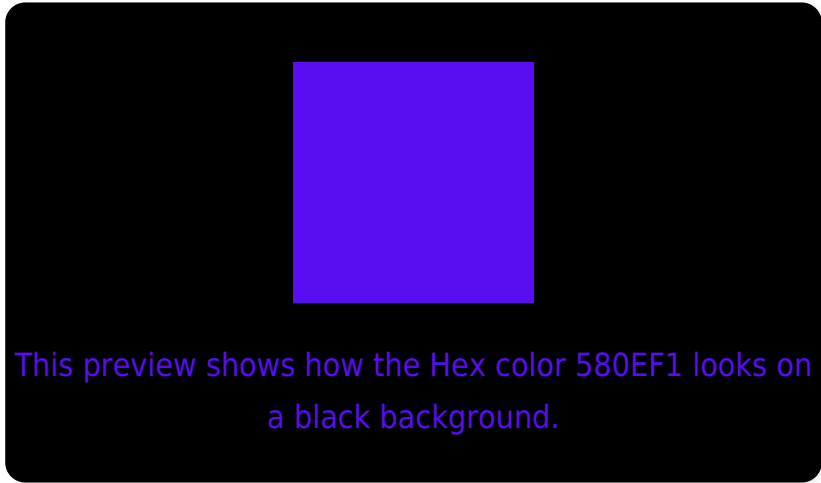
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 580EF1 Background



This preview shows how black text looks on a background with the Hex color 580EF1.

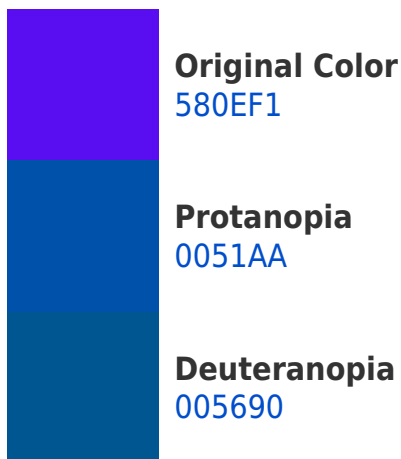


This preview shows how white text looks on a background with the Hex color 580EF1.

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
005D64

Trichromacy



Original Color
580EF1



Protanomaly
2039C4



Deuteranomaly
203CB3



Tritanomaly
204097

Monochromacy



Original Color
580EF1



Achromatopsia
3E3E3E



Achromatomaly
472D7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 580EF1 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 #580EF1 looks like.

```
.text, #text, p{  
    color:#580EF1  
}
```

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 #580EF1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #580EF1  
}
```

Border

The CSS property to change the border of an element to Hex 580EF1 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  
#580EF1 }
```

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

```
.border{ border-color:#580EF1 }
```

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

Here you see how a box with a 4 pixel #580EF1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #580EF1; -webkit-box-shadow:4px 4px  
4px 4px #580EF1; box-shadow:4px 4px 4px  
4px #580EF1 }
```

Background

The CSS property to change the background color of an element to Hex 580EF1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#580EF1 }
```

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

```
.background{ background-color:#580EF1 }
```

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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