

Converting Colors

Hex(56BCF2)

Have a look what the booklet for
Hex(56BCF2) contains.

Hex(56BCF2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(56BCF2)

Conversions

Conversions Part 1

Format	Color
Hex	56BCF2
RGB	86, 188, 242
RGB Percent	34%, 74%, 95%
CMY	0.6627, 0.2627, 0.0510
CMYK	0.64, 0.22, 0.00, 0.05
HSL	201°, 86%, 64%
HSV	201°, 64%, 95%
XYZ	37.8480, 44.3557, 90.5711
YIQ	163.6580, -78.1260, -4.8300

Conversions

Conversions Part 2

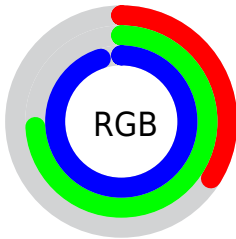
Format	Color
R _Y B	86, 148, 242
Decimal	5684466
CIE Lab	72.47, -13.47, -35.57
CIE LCh	72, 38.030, 249.262
Yxy	44.3557, 0.2191, 0.2567
Android (android.graphics.Color)	4283874546 (0xFF56BCF2)
YUV	163.6580, 38.6226, -68.1061
Hunter-Lab	66.6001, -15.1108, -34.0099

Details

The Hex color **56BCF2** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **F28C56**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **95F4FF**, and **0087BA** is the 20% darker color. If you saturate the color by 10%, you get **3EB4F2**, and if you desaturate by 10%, it is **6EC4F2**.

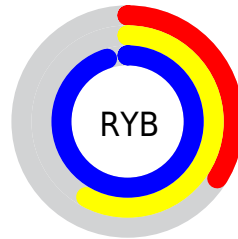
Distribution



Red (34%)

Green (74%)

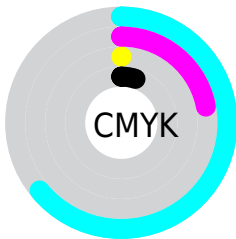
Blue (95%)



Red (34%)

Yellow (58%)

Blue (95%)

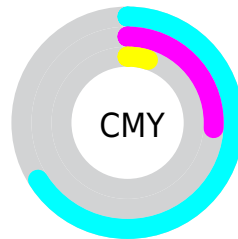


Cyan (64%)

Magenta (22%)

Yellow (0%)

Black (5%)



Cyan (66%)

Magenta (26%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56BCF2 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 56BCF2 by changing the saturation by 10% instead.

 56BCF2

 56BCF2


FFFFFF

 30A1D5


 95F4FF

 0087BA

 B4FFFF

 006E9F

 D2FFFF

 005584

 F1FFFF

 003E6B

 002852

 00143B

 000225

 00010D

■ 56BCF2

■ 56BCF2

■ 3EB4F2

■ 6EC4F2

■ 26ABF2

■ 86CDF2

■ 0DA3F2

■ 9FD5F2

■ 009EF2

■ B7DEF2

■ CFE6F2

■ E7EEF2

■ FFF7F2

■ FFFFF2

Harmonies

Analogous

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



24C2DD



56BCF2



92B1F6

Triad

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



56BCF2



F597A8



98BD7B

Complementary

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



56BCF2



F28C56

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.



BEB36C



56BCF2



F19C87

Square

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



56BCF2



E69ACB



DDA771



6DC398

Rectangle

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



56BCF2



B5A9EE



DDA771



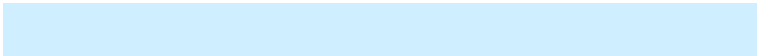
A5BA74

Sweetspot

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



56BCF2



CFE EFF



56F28A



627580



000000



808080

Same Dimension

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



56BCF2



3BBBF2



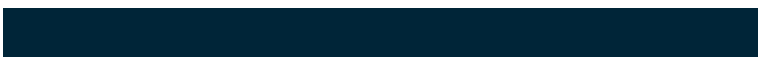
5670F2



6C7478



0078B8



002538

Inverse Universe

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



F256BC



FF3BBB



F2D856



786C74



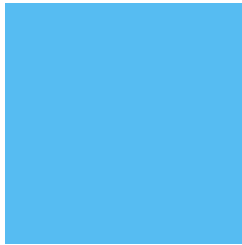
B80078



380025

Previews

White Background



This preview shows how the Hex color 56BCF2 looks on a white background.

Color Contrast Check

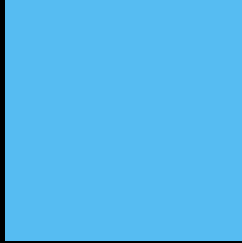
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 56BCF2 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

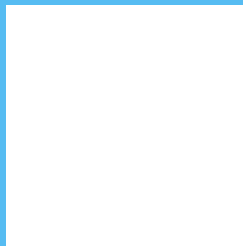
Any Text WCAG AAA ✓ Pass

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

Hex 56BCF2 Background



This preview shows how black text looks on a background with the Hex color 56BCF2.

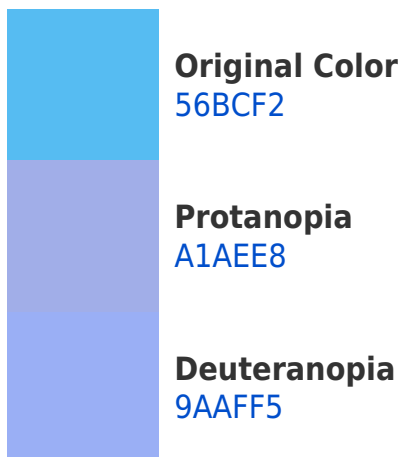


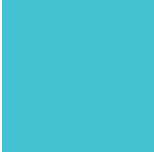
This preview shows how white text looks on a background with the Hex color 56BCF2.

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](#).

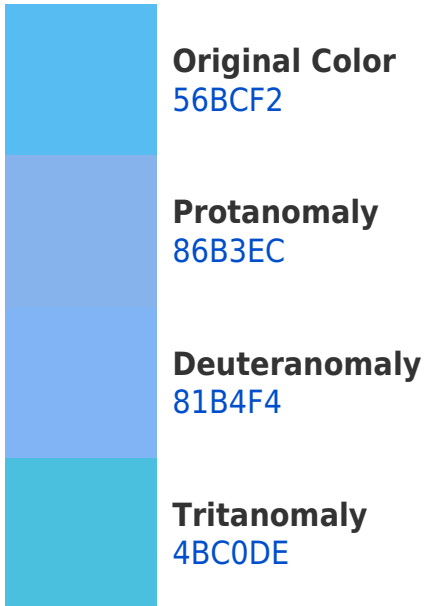
Dichromacy



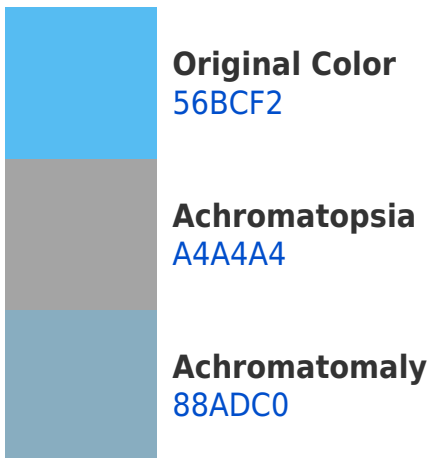


Tritanopia
45C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56BCF2 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 #56BCF2 looks like.

```
.text, #text, p{  
    color:#56BCF2  
}
```

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 #56BCF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56BCF2
}
```

Border

The CSS property to change the border of an element to Hex 56BCF2 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
#56BCF2 }
```

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

```
.border{ border-color:#56BCF2 }
```

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

Here you see how a box with a 4 pixel #56BCF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56BCF2; -webkit-box-shadow:4px 4px  
4px 4px #56BCF2; box-shadow:4px 4px 4px  
4px #56BCF2 }
```

Background

The CSS property to change the background color of an element to Hex 56BCF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56BCF2 }
```

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

```
.background{ background-color:#56BCF2 }
```

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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