

Converting Colors

Hex(56CDFE)

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

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Color

Hex(56CDFE)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 56CDFE |
| RGB | 86, 205, 254 |
| RGB Percent | 34%, 80%, 100% |
| CMY | 0.6627, 0.1961, 0.0039 |
| CMYK | 0.66, 0.19, 0.00, 0.00 |
| HSL | 198°, 99%, 67% |
| HSV | 198°, 66%, 100% |
| XYZ | 43.5585, 52.7968, 101.6610 |
| YIQ | 175.0050, -86.6530, -9.9890 |

Conversions

Conversions Part 2

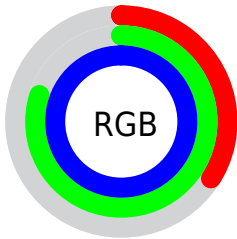
| Format | Color |
|-------------------------------------|---|
| RYB | 86, 156, 254 |
| Decimal | 5688830 |
| CIELab | 77.75, -18.62, -33.83 |
| CIELCh | 78, 38.618, 241.166 |
| Yxy | 52.7968, 0.2200, 0.2666 |
| Android (android.graphics.Color) | 4283878910 (0xFF56CDFE) |
| YUV | 175.0050, 38.9445, -78.0574 |
| Hunter-Lab | 72.6614, -20.1518, -32.0899 |

Details

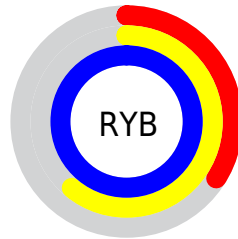
The Hex color **56CDFE** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **FE8756**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **97FFFF**, and **0097C5** is the 20% darker color. If you saturate the color by 10%, you get **3DC6FE**, and if you desaturate by 10%, it is **6FD4FE**.

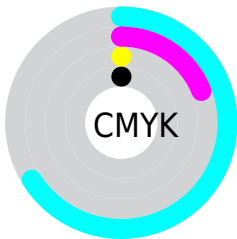
Distribution



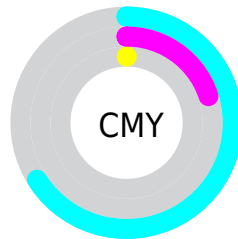
- Red (34%)
- Green (80%)
- Blue (100%)



- Red (34%)
- Yellow (61%)
- Blue (100%)



- Cyan (66%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 56CDFE

FFFFFF

 97FFFF

 B6FFFF

 D5FFFF

 F4FFFF

 56CDFE

 2DB1E1

 0097C5

 007DAA

 00648F

 004C75

 00355C

 002144

 00042E

 000118

■ 56CDFE

■ 56CDFE

■ 3DC6FE

■ 6FD4FE

■ 23BEFE

■ 89DCFE

■ 0AB7FE

■ A2E3FE

■ 00B4FE

■ BCEBFE

■ D5F2FE

■ EEF9FE

FFFFFE

Harmonies

Analogous

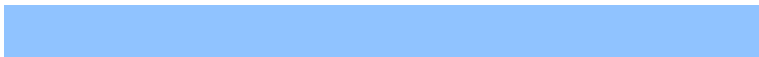
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39D2E4



56CDFE



90C3FF

Triad

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



56CDFE



FFA5C0



B1C982

Complementary

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



56CDFE



FE8756

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.



D7BE78



56CDFE



FFA89D

Square

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



56CDFE



EFABE3



F4B282



87D09C

Rectangle

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



56CDFE



B5BBFF



F4B282



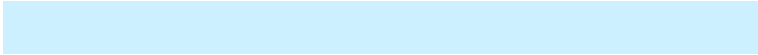
BEC67C

Sweetspot

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



56CDFE



CCF0FF



56FE86



617780



000000



808080

Same Dimension

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



56CDFE



36C4FF



567AFE



737C80



0087BF



002D40

Inverse Universe

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



FE56CD



FF36C4



FEDA56



80737C



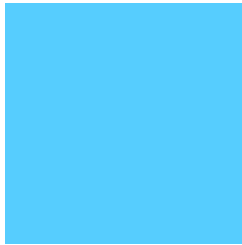
BF0087



40002D

Previews

White Background



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

Color Contrast Check

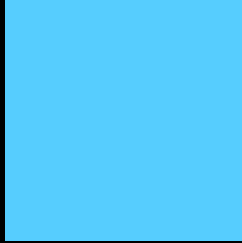
Large Text (above 18pt) WCAG AA × Fail

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 56CDFE 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

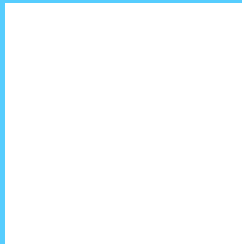
Any Text WCAG AAA ✓ Pass

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

Hex 56CDFE Background



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

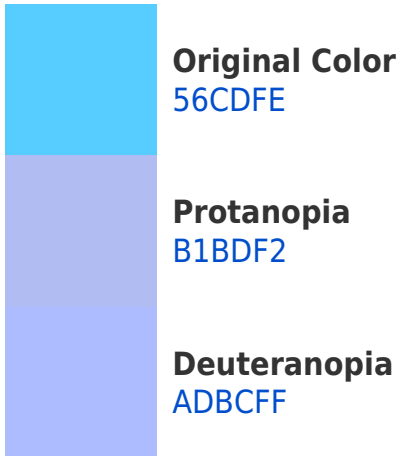


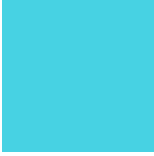
This preview shows how white text looks on a background with the Hex color 56CDFE.

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](#).

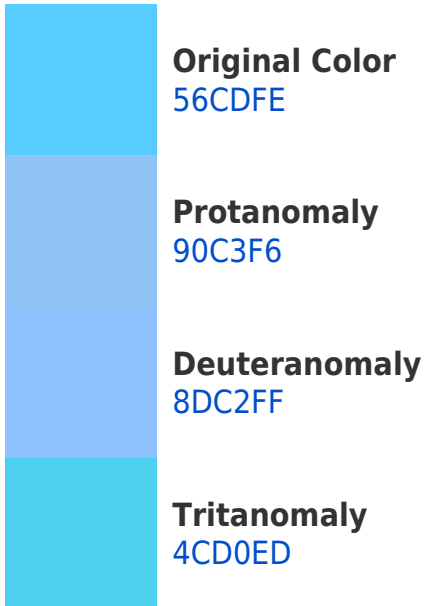
Dichromacy



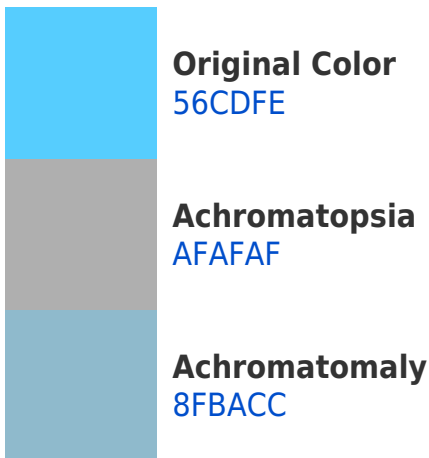


Tritanopia
47D2E3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #56CDFE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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