

Converting Colors

Hex(56E1F6)

Have a look what the booklet for
Hex(56E1F6) contains.

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Color

Hex(56E1F6)

Conversions

Conversions Part 1

Format	Color
Hex	56E1F6
RGB	86, 225, 246
RGB Percent	34%, 88%, 96%
CMY	0.6627, 0.1176, 0.0353
CMYK	0.65, 0.09, 0.00, 0.04
HSL	188°, 90%, 65%
HSV	188°, 65%, 96%
XYZ	47.3975, 62.4827, 96.7510
YIQ	185.8330, -89.5850, -22.9370

Conversions

Conversions Part 2

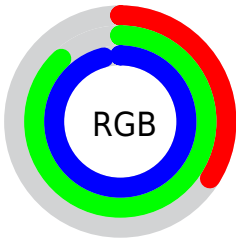
Format	Color
R _Y B	86, 160, 246
Decimal	5693942
CIE Lab	83.17, -30.96, -21.30
CIE LCh	83, 37.573, 214.526
Yxy	62.4827, 0.2294, 0.3024
Android (android.graphics.Color)	4283884022 (0xFF56E1F6)
YUV	185.8330, 29.6623, -87.5535
Hunter-Lab	79.0460, -31.2984, -17.2378

Details

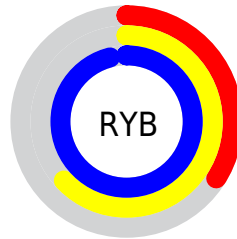
The Hex color **56E1F6** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **F66B56**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **98FFFF**, and **00A9BE** is the 20% darker color. If you saturate the color by 10%, you get **3DDEF6**, and if you desaturate by 10%, it is **6FE4F6**.

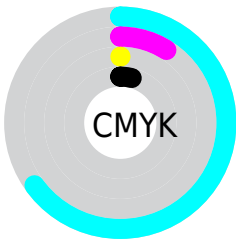
Distribution



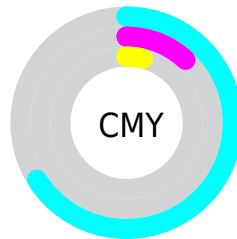
- Red (34%)
- Green (88%)
- Blue (96%)



- Red (34%)
- Yellow (63%)
- Blue (96%)



- Cyan (65%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (66%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56E1F6 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 56E1F6 by changing the saturation by 10% instead.

 56E1F6

 56E1F6

FFFFFF

 2CC5DA

 98FFFF

 00A9BE

 B7FFFF

 008FA3

 D6FFFF

 007588

 F5FFFF

 005C6F

 004356

 002D3F

 001529

 000114

 56E1F6

 56E1F6

 3DDEF6

 6FE4F6

 25DBF6

 87E7F6

 0CD7F6

 A0EBF6

 00D6F6

 B8EEF6

 D1F1F6

 EAF4F6

 FFF8F6

 FFFBF6

 FFFEF6

Harmonies

Analogous

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



6AE3D3



56E1F6



73DBFF

Triad

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



56E1F6



FFB9EE



E2CF88

Complementary

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



56E1F6



F66B56

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.



FFC390



56E1F6



FFB4CB

Square

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



56E1F6



DBC4FF



FFB8A9



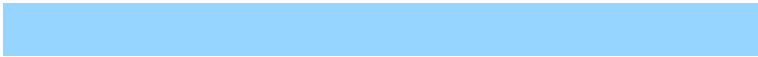
BCD994

Rectangle

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



56E1F6



95D5FF



FFB8A9



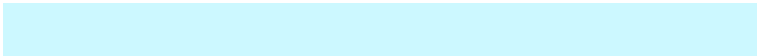
EECB89

Sweetspot

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



56E1F6



CCF8FF



56F669



617B80



000000



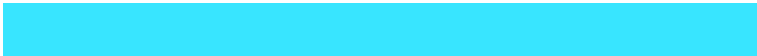
808080

Same Dimension

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



56E1F6



38E5FF



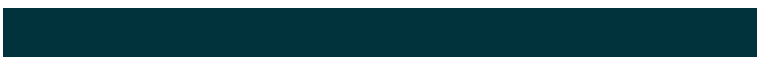
5693F6



6E797A



00A2BA



00333B

Inverse Universe

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



F656E1



FF38E5



F6B956



7A6E79



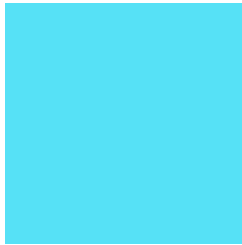
BA00A2



3B0033

Previews

White Background



This preview shows how the Hex color 56E1F6 looks on a white background.

Color Contrast Check

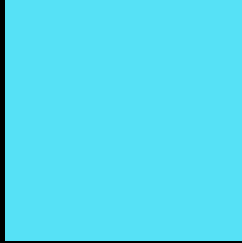
Large Text (above 18pt) WCAG AA × Fail

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 56E1F6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

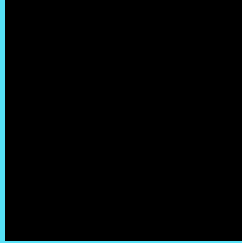
Any Text WCAG AA ✓ Pass

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 56E1F6 Background



This preview shows how black text looks on a background with the Hex color 56E1F6.

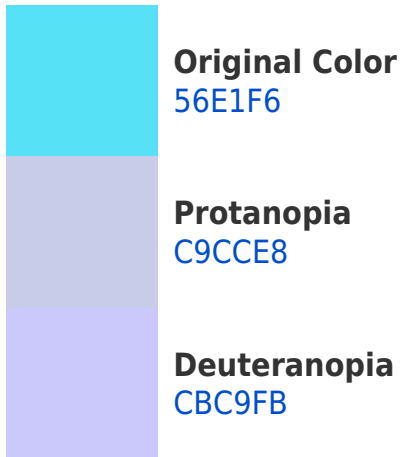


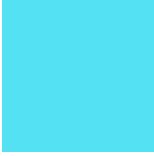
This preview shows how white text looks on a background with the Hex color 56E1F6.

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](#).

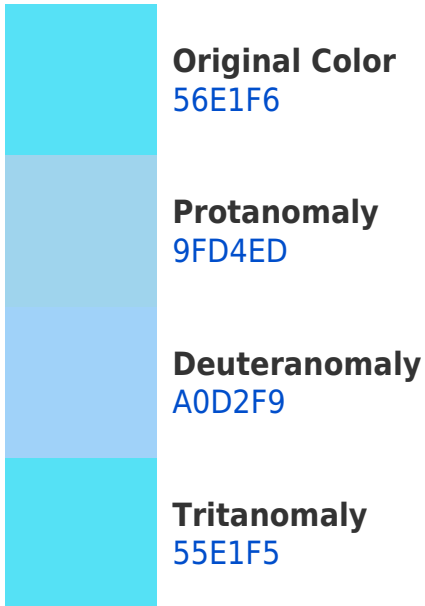
Dichromacy



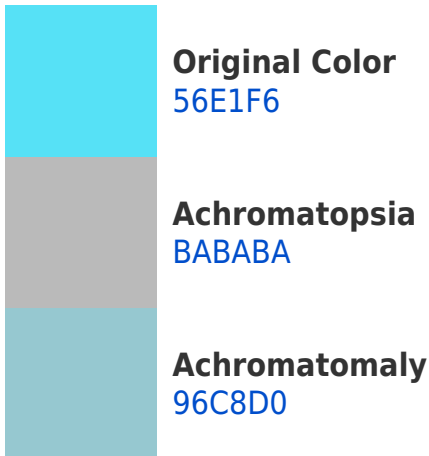


Tritanopia
55E1F4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56E1F6 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 #56E1F6 looks like.

```
.text, #text, p{  
    color:#56E1F6  
}
```

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 #56E1F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56E1F6
}
```

Border

The CSS property to change the border of an element to Hex 56E1F6 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
#56E1F6 }
```

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

```
.border{ border-color:#56E1F6 }
```

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

Here you see how a box with a 4 pixel #56E1F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56E1F6; -webkit-box-shadow:4px 4px  
4px 4px #56E1F6; box-shadow:4px 4px 4px  
4px #56E1F6 }
```

Background

The CSS property to change the background color of an element to Hex 56E1F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56E1F6 }
```

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

```
.background{ background-color:#56E1F6 }
```

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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