

Converting Colors

Hex(56E7CD)

Have a look what the booklet for
Hex(56E7CD) contains.

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Color

Hex(56E7CD)

Conversions

Conversions Part 1

Format	Color
Hex	56E7CD
RGB	86, 231, 205
RGB Percent	34%, 91%, 80%
CMY	0.6627, 0.0941, 0.1961
CMYK	0.63, 0.00, 0.11, 0.09
HSL	169°, 75%, 62%
HSV	169°, 63%, 91%
XYZ	43.4331, 63.5380, 67.7325
YIQ	184.6810, -78.0740, -38.8260

Conversions

Conversions Part 2

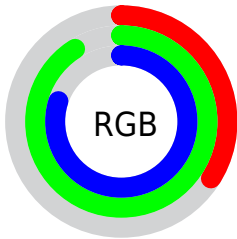
Format	Color
RYB	86, 166, 231
Decimal	5695437
CIELab	83.72, -44.73, 1.21
CIELCh	84, 44.743, 178.451
Yxy	63.5380, 0.2486, 0.3637
Android (android.graphics.Color)	4283885517 (0xFF56E7CD)
YUV	184.6810, 10.0173, -86.5432
Hunter-Lab	79.7108, -42.2320, 5.4171

Details

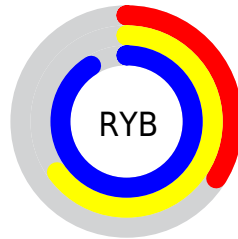
The Hex color **56E7CD** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **E75670**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **96FFFF**, and **00AF97** is the 20% darker color. If you saturate the color by 10%, you get **3FE7C9**, and if you desaturate by 10%, it is **6DE7D1**.

Distribution



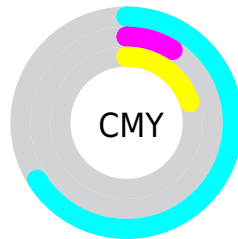
- Red (34%)
- Green (91%)
- Blue (80%)



- Red (34%)
- Yellow (65%)
- Blue (91%)



- Cyan (63%)
- Magenta (0%)
- Yellow (11%)
- Black (9%)



- Cyan (66%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56E7CD 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 56E7CD by changing the saturation by 10% instead.

 56E7CD

 56E7CD

FFFFFF

 30CAB2

 96FFFF

 00AF97

 B4FFFF

 00937D

 D3FFFF

 007964

 F1FFFF

 005F4C

 004736

 002F20

 00160A

 000000

 56E7CD


 56E7CD

 3FE7C9

 6DE7D1

 28E7C5

 84E7D5

 11E7C1

 9BE7D9

 00E7BE

 B2E7DE

 CAE7E2

 E1E7E6

 F8E7EA

 FFE7EE

 FFE7F2

Harmonies

Analogous

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



91E3A3



56E7CD



03E6F7

Triad

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



56E7CD



D2C7FF



FFBF8A

Complementary

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



56E7CD



E75670

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.



FFB3AB



56E7CD



FFB8FD

Square

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



56E7CD



8FD6FF



FFB0D5



EECD7C

Rectangle

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



56E7CD



1FE3FF



FFB0D5



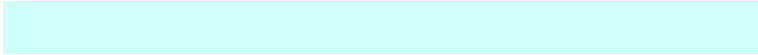
FFBA93

Sweetspot

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



56E7CD



CFFF6



71E756



62807A



000000



808080

Same Dimension

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



56E7CD



40FFDD



56B9E7



677371



00B392



00332A

Inverse Universe

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



E75670



FF4062



E78456



736769



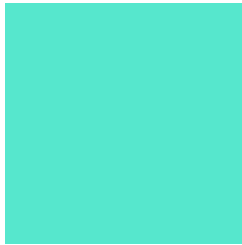
B30020



330009

Previews

White Background



This preview shows how the Hex color 56E7CD looks on a white background.

Color Contrast Check

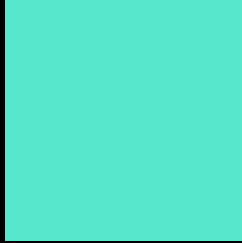
Large Text (above 18pt) WCAG AA × Fail

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 56E7CD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

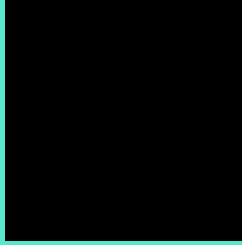
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

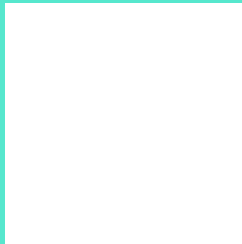
Any Text WCAG AAA ✓ Pass

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

Hex 56E7CD Background



This preview shows how black text looks on a background with the Hex color 56E7CD.



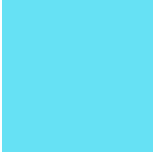
This preview shows how white text looks on a background with the Hex color 56E7CD.

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



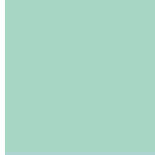


Tritanopia
66E1F4

Trichromacy



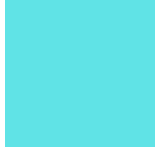
Original Color
56E7CD



Protanomaly
A7D7C4



Deuteranomaly
AED4D1

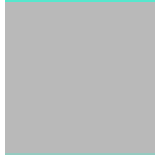


Tritanomaly
60E3E6

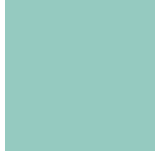
Monochromacy



Original Color
56E7CD



Achromatopsia
B9B9B9



Achromatomaly
95CAC0

CSS Examples

Text

The CSS property to change the color of the text to Hex 56E7CD 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 #56E7CD looks like.

```
.text, #text, p{  
    color:#56E7CD  
}
```

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 #56E7CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56E7CD
}
```

Border

The CSS property to change the border of an element to Hex 56E7CD 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
#56E7CD }
```

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

```
.border{ border-color:#56E7CD }
```

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

Here you see how a box with a 4 pixel #56E7CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56E7CD; -webkit-box-shadow:4px 4px  
4px 4px #56E7CD; box-shadow:4px 4px 4px  
4px #56E7CD }
```

Background

The CSS property to change the background color of an element to Hex 56E7CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56E7CD }
```

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

```
.background{ background-color:#56E7CD }
```

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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