

Converting Colors

Hex(56C6E7)

Have a look what the booklet for
Hex(56C6E7) contains.

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Color

Hex(56C6E7)

Conversions

Conversions Part 1

Format	Color
Hex	56C6E7
RGB	86, 198, 231
RGB Percent	34%, 78%, 91%
CMY	0.6627, 0.2235, 0.0941
CMYK	0.63, 0.14, 0.00, 0.09
HSL	194°, 75%, 62%
HSV	194°, 63%, 91%
XYZ	38.4556, 48.1361, 82.8657
YIQ	168.2740, -77.3450, -13.4810

Conversions

Conversions Part 2

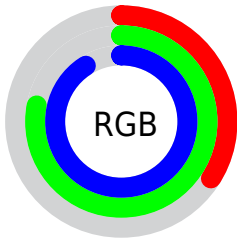
Format	Color
R _Y B	86, 149, 231
Decimal	5687015
CIE Lab	74.91, -22.05, -25.86
CIE LCh	75, 33.981, 229.547
Yxy	48.1361, 0.2269, 0.2841
Android (android.graphics.Color)	4283877095 (0xFF56C6E7)
YUV	168.2740, 30.9239, -72.1543
Hunter-Lab	69.3802, -22.4774, -22.2481

Details

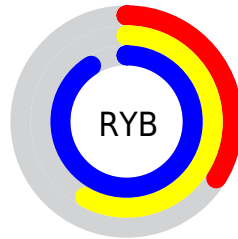
The Hex color **56C6E7** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **E77756**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **95FFFF**, and **0090AF** is the 20% darker color. If you saturate the color by 10%, you get **3FC1E7**, and if you desaturate by 10%, it is **6DCBE7**.

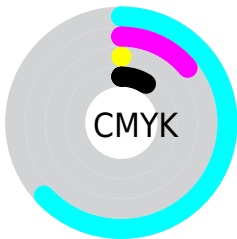
Distribution



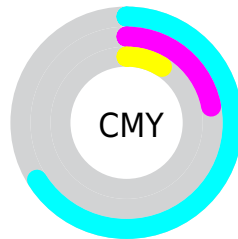
- Red (34%)
- Green (78%)
- Blue (91%)



- Red (34%)
- Yellow (58%)
- Blue (91%)



- Cyan (63%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (66%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56C6E7 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 56C6E7 by changing the saturation by 10% instead.

 56C6E7

FFFFFF

 95FFFF

 B3FFFF

 D1FFFF

 F0FFFF

 56C6E7

 31ABCB

 0090AF

 007695


 005D7B

 004562

 002F4A

 001C33

 00021E

 000000

■ 56C6E7

■ 56C6E7

■ 3FC1E7

■ 6DCBE7

■ 28BBE7

■ 84D1E7

■ 11B6E7

■ 9BD6E7

■ 00B2E7

■ B2DBE7

■ CAE0E7

■ E1E6E7

■ F8EBE7

■ FFF0E7

■ FFF5E7

Harmonies

Analogous

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



53C9CC



56C6E7



7EBFF5

Triad

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



56C6E7



EFA2C5



B9BD7D

Complementary

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



56C6E7



E77756

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.



D8B37B



56C6E7



F7A2A5

Square

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



56C6E7



D5A9E1



EEA88A



95C58F

Rectangle

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



56C6E7



9EB8F6



EEA88A



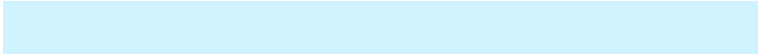
C4BA7A

Sweetspot

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



56C6E7



CFF4FF



56E775



627980



000000



808080

Same Dimension

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



56C6E7



40D3FF



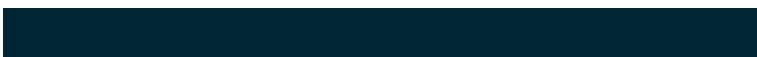
567FE7



677073



008AB3



002733

Inverse Universe

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



E756C6



FF40D3



E7BE56



736770



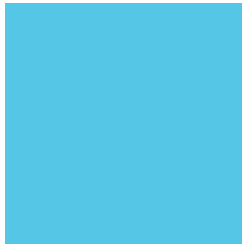
B3008A



330027

Previews

White Background



This preview shows how the Hex color 56C6E7 looks on a white background.

Color Contrast Check

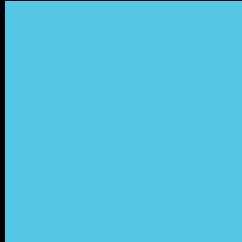
Large Text (above 18pt) WCAG AA × Fail

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 56C6E7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

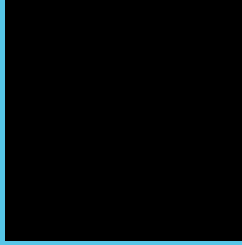
Any Text WCAG AA ✓ Pass

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 56C6E7 Background



This preview shows how black text looks on a background with the Hex color 56C6E7.

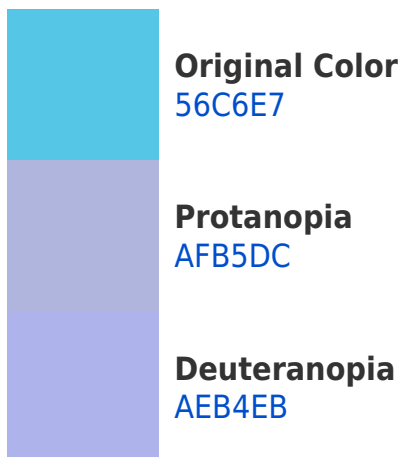


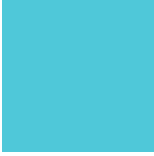
This preview shows how white text looks on a background with the Hex color 56C6E7.

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](#).

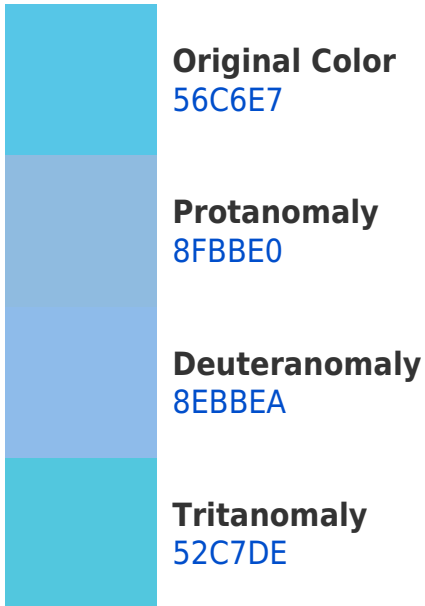
Dichromacy



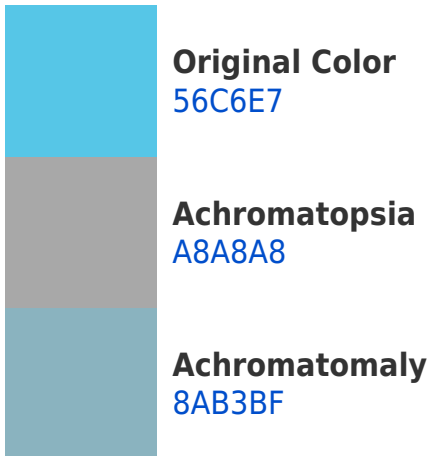


Tritanopia
4FC8D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56C6E7 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 #56C6E7 looks like.

```
.text, #text, p{  
    color:#56C6E7  
}
```

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 #56C6E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56C6E7
}
```

Border

The CSS property to change the border of an element to Hex 56C6E7 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
#56C6E7 }
```

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

```
.border{ border-color:#56C6E7 }
```

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

Here you see how a box with a 4 pixel #56C6E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56C6E7; -webkit-box-shadow:4px 4px  
4px 4px #56C6E7; box-shadow:4px 4px 4px  
4px #56C6E7 }
```

Background

The CSS property to change the background color of an element to Hex 56C6E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56C6E7 }
```

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

```
.background{ background-color:#56C6E7 }
```

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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