

Converting Colors

Hex(5CE0E0)

Have a look what the booklet for
Hex(5CE0E0) contains.

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Color

Hex(5CE0E0)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5CE0E0 |
| RGB | 92, 224, 224 |
| RGB Percent | 36%, 88%, 88% |
| CMY | 0.6392, 0.1216, 0.1216 |
| CMYK | 0.59, 0.00, 0.00, 0.12 |
| HSL | 180°, 68%, 62% |
| HSV | 180°, 59%, 88% |
| XYZ | 44.5238, 60.9684, 79.9424 |
| YIQ | 184.5320, -78.6720, -27.9840 |

Conversions

Conversions Part 2

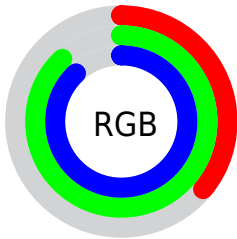
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 92, 158, 224 |
| Decimal | 6086880 |
| CIE Lab | 82.36, -35.65, -10.84 |
| CIE LCh | 82, 37.266, 196.908 |
| Yxy | 60.9684, 0.2401, 0.3288 |
| Android (android.graphics.Color) | 4284276960 (0xFF5CE0E0) |
| YUV | 184.5320, 19.4577, -81.1506 |
| Hunter-Lab | 78.0823, -34.8603, -6.0449 |

Details

The Hex color **5CE0E0** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **E05C5C**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **9BFFFF**, and **00A8A9** is the 20% darker color. If you saturate the color by 10%, you get **46E0E0**, and if you desaturate by 10%, it is **72E0E0**.

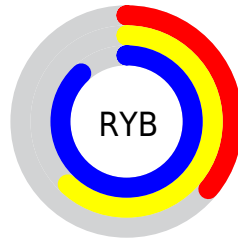
Distribution



Red (36%)

Green (88%)

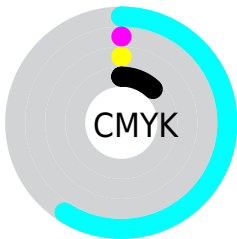
Blue (88%)



Red (36%)

Yellow (62%)

Blue (88%)

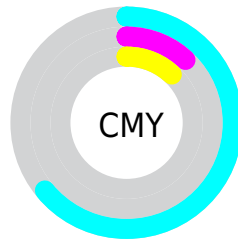


Cyan (59%)

Magenta (0%)

Yellow (0%)

Black (12%)



Cyan (64%)

Magenta (12%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CE0E0 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 5CE0E0 by changing the saturation by 10% instead.

 5CE0E0

 5CE0E0

FFFFFF

 38C4C4

 9BFFFF

 00A8A9

 B9FFFF

 008D8E

 D7FFFF

 007375

 F6FFFF

 005A5C

 004245

 002B2F

 00101A

 000000

 5CE0E0

 5CE0E0

 46E0E0

 72E0E0

 2FE0E0

 89E0E0

 19E0E0

 9FE0E0

 02E0E0

 B6E0E0

 00E0E0

 CCE0E0

 E2E0E0

 F9E0E0

 FFE0E0

Harmonies

Analogous

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



80DFBC



5CE0E0



5BDDFF

Triad

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



5CE0E0



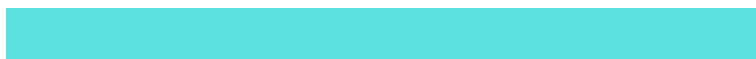
EABDFD



F3C589

Complementary

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



5CE0E0



E05C5C

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.



FFBA9B



5CE0E0



FFB4DE

Square

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



5CE0E0



BCC9FF



FFB3BA



D1D189

Rectangle

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



5CE0E0



75D8FF



FFB3BA



FCC18D

Sweetspot

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



5CE0E0



D1FFFF



5CE05C



638080



000000



808080

Same Dimension

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



5CE0E0



4AFFFF



5C9EE0



657070



00B0B0



003030

Inverse Universe

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



E05CE0



FF4AFF



E09E5C



706570



B000B0



300030

Previews

White Background



This preview shows how the Hex color 5CE0E0 looks on a white background.

Color Contrast Check

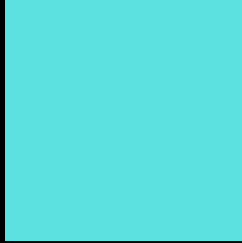
Large Text (above 18pt) WCAG AA × Fail

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 5CE0E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

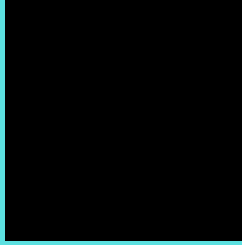
Any Text WCAG AA ✓ Pass

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 5CE0E0 Background



This preview shows how black text looks on a background with the Hex color 5CE0E0.

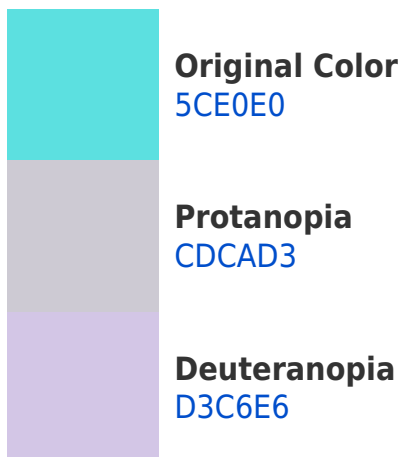


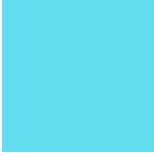
This preview shows how white text looks on a background with the Hex color 5CE0E0.

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
63DEF0

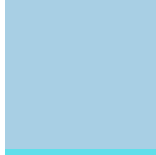
Trichromacy



Original Color
5CE0E0



Protanomaly
A4D2D8



Deuteranomaly
A8CFE4

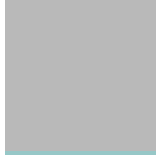


Tritanomaly
60DFEA

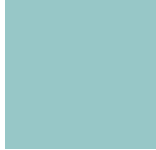
Monochromacy



Original Color
5CE0E0



Achromatopsia
B9B9B9



Achromatomaly
97C7C7

CSS Examples

Text

The CSS property to change the color of the text to Hex 5CE0E0 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 #5CE0E0 looks like.

```
.text, #text, p{  
    color:#5CE0E0  
}
```

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 #5CE0E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CE0E0
}
```

Border

The CSS property to change the border of an element to Hex 5CE0E0 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
#5CE0E0 }
```

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

```
.border{ border-color:#5CE0E0 }
```

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

Here you see how a box with a 4 pixel #5CE0E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CE0E0; -webkit-box-shadow:4px 4px  
4px 4px #5CE0E0; box-shadow:4px 4px 4px  
4px #5CE0E0 }
```

Background

The CSS property to change the background color of an element to Hex 5CE0E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CE0E0 }
```

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

```
.background{ background-color:#5CE0E0 }
```

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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