

Converting Colors

Hex(6CE3D0)

Have a look what the booklet for
Hex(6CE3D0) contains.

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Color

Hex(6CE3D0)

Conversions

Conversions Part 1

Format	Color
Hex	6CE3D0
RGB	108, 227, 208
RGB Percent	42%, 89%, 82%
CMY	0.5765, 0.1098, 0.1843
CMYK	0.52, 0.00, 0.08, 0.11
HSL	170°, 68%, 66%
HSV	170°, 52%, 89%
XYZ	45.0386, 62.6804, 69.3992
YIQ	189.2530, -64.8250, -31.1370

Conversions

Conversions Part 2

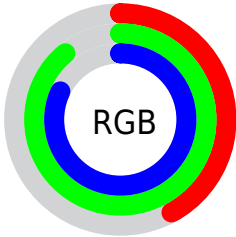
Format	Color
RYB	108, 173, 227
Decimal	7136208
CIELab	83.27, -38.10, -0.96
CIELCh	83, 38.108, 181.439
Yxy	62.6804, 0.2543, 0.3539
Android (android.graphics.Color)	4285326288 (0xFF6CE3D0)
YUV	189.2530, 9.2423, -71.2589
Hunter-Lab	79.1709, -37.0045, 3.4475

Details

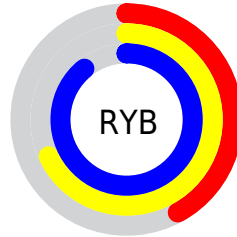
The Hex color **6CE3D0** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **E36C7F**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **A7FFFF**, and **29AB9A** is the 20% darker color. If you saturate the color by 10%, you get **55E3CC**, and if you desaturate by 10%, it is **83E3D4**.

Distribution



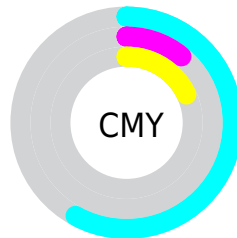
- Red (42%)
- Green (89%)
- Blue (82%)



- Red (42%)
- Yellow (68%)
- Blue (89%)



- Cyan (52%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)



- Cyan (58%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CE3D0 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 6CE3D0 by changing the saturation by 10% instead.

 6CE3D0

 6CE3D0


FFFFFF

 4DC7B4

 A7FFFF

 29AB9A

 C5FFFF

 009080

 E3FFFF

 007667

 005D4F

 004438

 002D23

 00140D

 000000

 6CE3D0

 6CE3D0

 55E3CC


 83E3D4

 3FE3C9

 99E3D7

 28E3C5

 B0E3DB

 11E3C2

 C7E3DE

 00E3BF

 DEE3E2

 F4E3E6

 FFE3E9

 FFE3ED

 FFE3F1

Harmonies

Analogous

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



96E0AC



6CE3D0



53E2F4

Triad

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



6CE3D0



D6C6FF



FFC191

Complementary

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



6CE3D0



E36C7F

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.



FFB7AC



6CE3D0



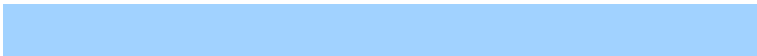
FFBAF2

Square

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



6CE3D0



A1D2FF



FFB4CF



E6CE87

Rectangle

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



6CE3D0



5EDFFF



FFB4CF



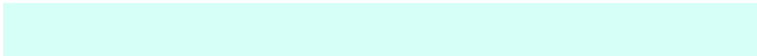
FFBE99

Sweetspot

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



6CE3D0



D6FFF8



80E36C



67807C



000000



808080

Same Dimension

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



6CE3D0



5EFFE5



6CBBE3



677371



00B396



00332B

Inverse Universe

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



E36C7F



FF5E78



E3946C



736769



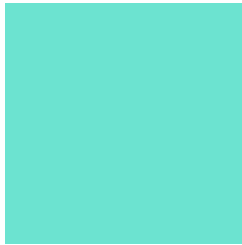
B3001D



330008

Previews

White Background



This preview shows how the Hex color 6CE3D0 looks on a white background.

Color Contrast Check

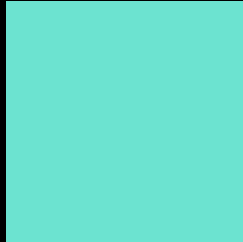
Large Text (above 18pt) WCAG AA × Fail

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 6CE3D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

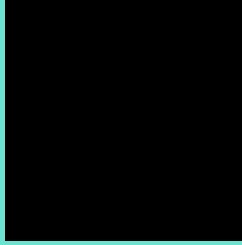
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

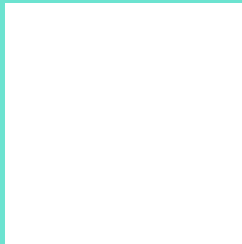
Any Text WCAG AAA ✓ Pass

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

Hex 6CE3D0 Background



This preview shows how black text looks on a background with the Hex color 6CE3D0.



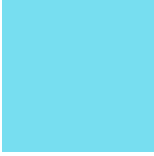
This preview shows how white text looks on a background with the Hex color 6CE3D0.

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
77DEF0

Trichromacy



Original Color
6CE3D0



Protanomaly
AED5C8



Deuteranomaly
B5D2D4

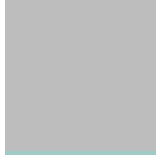


Tritanomaly
73E0E4

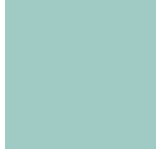
Monochromacy



Original Color
6CE3D0



Achromatopsia
BDBBBD



Achromatomaly
A0CBC4

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CE3D0 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 #6CE3D0 looks like.

```
.text, #text, p{  
    color:#6CE3D0  
}
```

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 #6CE3D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CE3D0
}
```

Border

The CSS property to change the border of an element to Hex 6CE3D0 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
#6CE3D0 }
```

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

```
.border{ border-color:#6CE3D0 }
```

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

Here you see how a box with a 4 pixel #6CE3D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CE3D0; -webkit-box-shadow:4px 4px  
4px 4px #6CE3D0; box-shadow:4px 4px 4px  
4px #6CE3D0 }
```

Background

The CSS property to change the background color of an element to Hex 6CE3D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CE3D0 }
```

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

```
.background{ background-color:#6CE3D0 }
```

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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