

Converting Colors

Hex(6CEBD0)

Have a look what the booklet for
Hex(6CEBD0) contains.

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Color

Hex(6CEBD0)

Conversions

Conversions Part 1

Format	Color
Hex	6CEBD0
RGB	108, 235, 208
RGB Percent	42%, 92%, 82%
CMY	0.5765, 0.0784, 0.1843
CMYK	0.54, 0.00, 0.11, 0.08
HSL	167°, 76%, 67%
HSV	167°, 54%, 92%
XYZ	47.2778, 67.1589, 70.1457
YIQ	193.9490, -67.0250, -35.3210

Conversions

Conversions Part 2

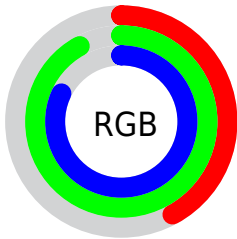
Format	Color
RYB	108, 179, 235
Decimal	7138256
CIELab	85.58, -41.70, 2.41
CIELCh	86, 41.767, 176.690
Yxy	67.1589, 0.2561, 0.3638
Android (android.graphics.Color)	4285328336 (0xFF6CEBD0)
YUV	193.9490, 6.9271, -75.3773
Hunter-Lab	81.9505, -40.4355, 6.6160

Details

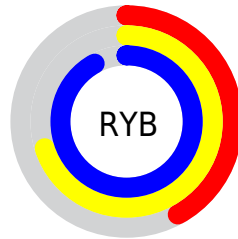
The Hex color **6CEBD0** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EB6C87**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **A8FFFF**, and **26B39A** is the 20% darker color. If you saturate the color by 10%, you get **55EBCB**, and if you desaturate by 10%, it is **84EBD5**.

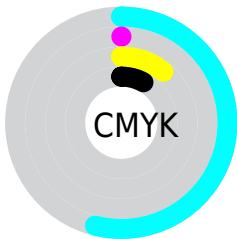
Distribution



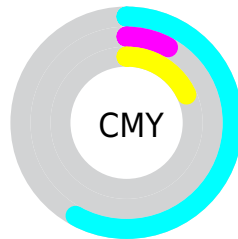
- Red (42%)
- Green (92%)
- Blue (82%)



- Red (42%)
- Yellow (70%)
- Blue (92%)



- Cyan (54%)
- Magenta (0%)
- Yellow (11%)
- Black (8%)



- Cyan (58%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CEBD0 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 6CEBD0 by changing the saturation by 10% instead.

 6CEBD0

 6CEBD0

FFFFFF

 4CCEB4

 A8FFFF

 26B39A

 C6FFFF

 009780

 E4FFFF

 007D67

 00634F

 004A38

 003323

 001C0D

 000000

 6CEBD0

 6CEBD0

 55EBCB

 84EBD5

 3DEBC6

 9BEBDA

 25EBC1

 B3EBDF

 0EEBBC

 CAEBE4

 00EBB9

 E2EBE9

 F9EBEE

 FFEBF3

 FFEBF8

 FFEBFD

Harmonies

Analogous

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



9EE7A9



6CEBD0



43EBF8

Triad

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



6CEBD0



D5CDFF



FFC495

Complementary

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



6CEBD0



EB6C87

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.



FFBAB4



6CEBD0



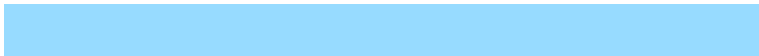
FFC0FF

Square

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



6CEBD0



97DBFF



FFB8DC



F5D287

Rectangle

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



6CEBD0



49E8FF



FFB8DC



FFC09E

Sweetspot

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



6CEBD0



D6FFF6



88EB6C



67807A



000000



808080

Same Dimension

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



6CEBD0



59FFDC



6CC7EB



6A7573



00B58F



00362A

Inverse Universe

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



EB6C87



FF597C



EB906C



756A6C



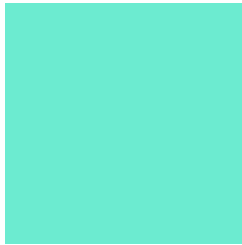
B50026



36000B

Previews

White Background



This preview shows how the Hex color 6CEBD0 looks on a white background.

Color Contrast Check

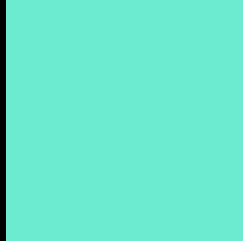
Large Text (above 18pt) WCAG AA × Fail

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 6CEBD0 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 6CEBD0 Background



This preview shows how black text looks on a background with the Hex color 6CEBD0.

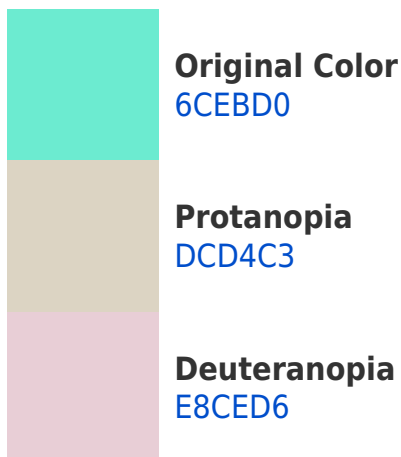


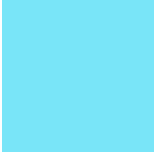
This preview shows how white text looks on a background with the Hex color 6CEBD0.

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
79E5F8

Trichromacy



Original Color
6CEBD0



Protanomaly
B3DCC8



Deuteranomaly
BBD9D4

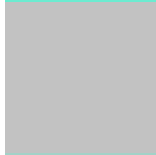


Tritanomaly
74E7E9

Monochromacy



Original Color
6CEBD0



Achromatopsia
C2C2C2



Achromatomaly
A3D1C7

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CEBD0 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 #6CEBD0 looks like.

```
.text, #text, p{  
    color:#6CEBD0  
}
```

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 #6CEBD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CEBD0
}
```

Border

The CSS property to change the border of an element to Hex 6CEBD0 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
#6CEBD0 }
```

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

```
.border{ border-color:#6CEBD0 }
```

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

Here you see how a box with a 4 pixel #6CEBD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CEBD0; -webkit-box-shadow:4px 4px  
4px 4px #6CEBD0; box-shadow:4px 4px 4px  
4px #6CEBD0 }
```

Background

The CSS property to change the background color of an element to Hex 6CEBD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CEBD0 }
```

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

```
.background{ background-color:#6CEBD0 }
```

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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