

# Converting Colors

Hex(6CE2D1)

Have a look what the booklet for  
Hex(6CE2D1) contains.

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# **Color**

**Hex(6CE2D1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6CE2D1
RGB	108, 226, 209
RGB Percent	42%, 89%, 82%
CMY	0.5765, 0.1137, 0.1804
CMYK	0.52, 0.00, 0.08, 0.11
HSL	171°, 67%, 65%
HSV	171°, 52%, 89%
XYZ	44.8893, 62.1843, 69.9585
YIQ	188.7800, -64.8710, -30.3030

# Conversions

## Conversions Part 2

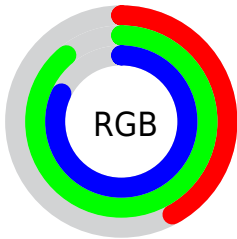
Format	Color
<a href="#">RYB</a>	<a href="#">108, 172, 226</a>
Decimal	<a href="#">7135953</a>
CIELab	<a href="#">83.01, -37.39, -1.87</a>
CIELCh	<a href="#">83, 37.442, 182.864</a>
Yxy	<a href="#">62.1843, 0.2536, 0.3513</a>
Android (android.graphics.Color)	<a href="#">4285326033</a> ( <a href="#">0xFF6CE2D1</a> )
YUV	<a href="#">188.7800, 9.9685, -70.8441</a>
Hunter-Lab	<a href="#">78.8570, -36.3888, 2.6005</a>

# Details

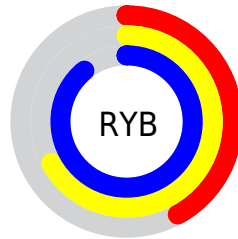
The Hex color **6CE2D1** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **E26C7D**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **A7FFFF**, and **29AA9B** is the 20% darker color. If you saturate the color by 10%, you get **55E2CE**, and if you desaturate by 10%, it is **83E2D4**.

# Distribution



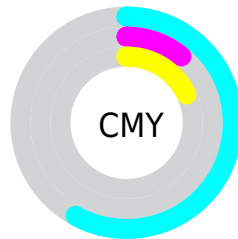
- Red (42%)
- Green (89%)
- Blue (82%)



- Red (42%)
- Yellow (67%)
- 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 6CE2D1 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 6CE2D1 by changing the saturation by 10% instead.



 6CE2D1

 6CE2D1

FFFFFF

 4DC6B5

 A7FFFF

 29AA9B

 C5FFFF

 008F81

 E3FFFF

 007568

 005C50

 004339

 002D23

 00130E

 000000

 6CE2D1

 6CE2D1

 55E2CE

 83E2D4

 3FE2CA

 99E2D8

 28E2C7

 B0E2DB

 12E2C4

 C6E2DE

 00E2C1

 DDE2E1

 F4E2E5

 FFE2E8

 FFE2EB

 FFE2EE

# Harmonies

## Analogous

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



95DFAE



6CE2D1



56E1F4

# Triad

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



6CE2D1



D8C4FF



FFC291

# Complementary

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



6CE2D1



E26C7D

# 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.



FFB8AA



6CE2D1



FEB9EF

# Square

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



6CE2D1



A4D1FF



FFB4CD



E4CE88

# Rectangle

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



6CE2D1



63DDFF



FFB4CD



FFBE98



# Sweetspot

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



6CE2D1



D6FFF9



7EE26C



67807C



000000



808080



# Same Dimension

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



6CE2D1



5EFFE8



6CB9E2



65706F



00B097



003029



# Inverse Universe

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



E26C7D



FF5E75



E2956C



706567



B00019

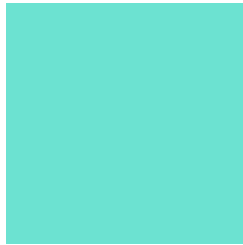


300007



# Previews

## White Background



This preview shows how the Hex color 6CE2D1 looks on a white background.

## Color Contrast Check

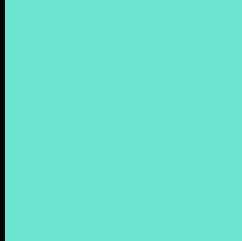
Large Text (above 18pt) WCAG AA × Fail

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 6CE2D1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

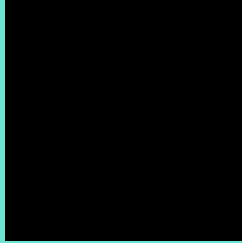
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6CE2D1 Background



This preview shows how black text looks on a background with the Hex color 6CE2D1.

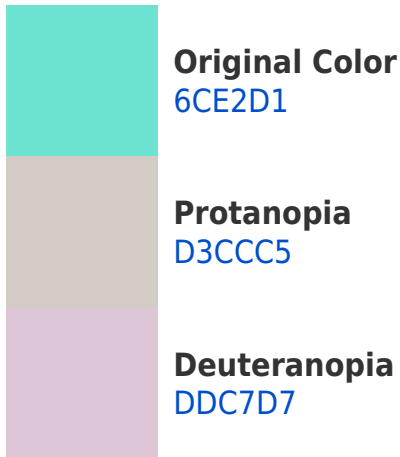


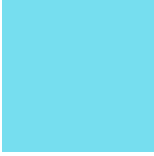
This preview shows how white text looks on a background with the Hex color 6CE2D1.

# 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**  
76DEEF

# Trichromacy



**Original Color**  
6CE2D1



**Protanomaly**  
AED4C9



**Deuteranomaly**  
B4D1D5

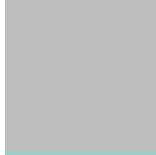


**Tritanomaly**  
72DFE4

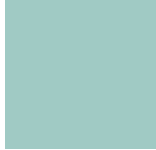
# Monochromacy



**Original Color**  
6CE2D1



**Achromatopsia**  
BDBDBD



**Achromatomaly**  
A0CAC4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CE2D1 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 #6CE2D1 looks like.

```
.text, #text, p{  
    color:#6CE2D1  
}
```

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 #6CE2D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CE2D1
}
```

## Border

The CSS property to change the border of an element to Hex 6CE2D1 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
#6CE2D1 }
```

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

```
.border{ border-color:#6CE2D1 }
```

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

Here you see how a box with a 4 pixel #6CE2D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CE2D1; -webkit-box-shadow:4px 4px  
4px 4px #6CE2D1; box-shadow:4px 4px 4px  
4px #6CE2D1 }
```

# Background

The CSS property to change the background color of an element to Hex 6CE2D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CE2D1 }
```

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

```
.background{ background-color:#6CE2D1 }
```

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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