

# Converting Colors

Hex(6CE7D5)

Have a look what the booklet for  
Hex(6CE7D5) contains.

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# Color

Hex(6CE7D5)

# Conversions

## Conversions Part 1

Format	Color
Hex	6CE7D5
RGB	108, 231, 213
RGB Percent	42%, 91%, 84%
CMY	0.5765, 0.0941, 0.1647
CMYK	0.53, 0.00, 0.08, 0.09
HSL	171°, 72%, 66%
HSV	171°, 53%, 91%
XYZ	46.7705, 65.1441, 73.0598
YIQ	192.1710, -67.5300, -31.6740

# Conversions

## Conversions Part 2

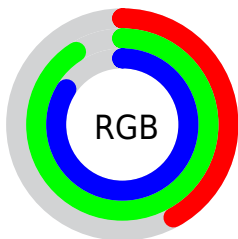
Format	Color
<a href="#">RYB</a>	<a href="#">108, 174, 231</a>
Decimal	<a href="#">7137237</a>
CIELab	<a href="#">84.56, -38.70, -1.72</a>
CIELCh	<a href="#">85, 38.734, 182.541</a>
Yxy	<a href="#">65.1441, 0.2528, 0.3522</a>
Android (android.graphics.Color)	<a href="#">4285327317</a> ( <a href="#">0xFF6CE7D5</a> )
YUV	<a href="#">192.1710, 10.2687, -73.8180</a>
Hunter-Lab	<a href="#">80.7119, -37.8095, 2.8294</a>

# Details

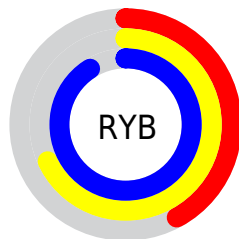
The Hex color **6CE7D5** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **E76C7E**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **A8FFFF**, and **27AF9E** is the 20% darker color. If you saturate the color by 10%, you get **55E7D2**, and if you desaturate by 10%, it is **83E7D8**.

# Distribution



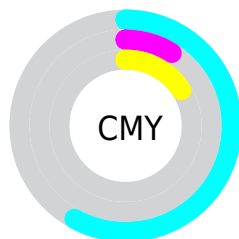
- Red (42%)
- Green (91%)
- Blue (84%)



- Red (42%)
- Yellow (68%)
- Blue (91%)



- Cyan (53%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)



- Cyan (58%)
- Magenta (9%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6CE7D5 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 6CE7D5 by changing the saturation by 10% instead.



 6CE7D5

 6CE7D5


FFFFFF

 4CCBB9

 A8FFFF

 27AF9E

 C6FFFF

 009484

 E4FFFF

 00796B

 006053

 00473C

 003026

 001912

 000000

 6CE7D5

 6CE7D5

 55E7D2

 83E7D8

 3EE7CE

 9AE7DC

 27E7CB

 B1E7DF

 10E7C7

 C8E7E3

 00E7C5

 E0E7E6

 F7E7E9

 FFE7ED

 FFE7F0

 FFE7F3

# Harmonies

## Analogous

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



97E4B0



6CE7D5



54E6F9

# Triad

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



6CE7D5



DCC8FF



FFC593

# Complementary

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



6CE7D5



E76C7E

# 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.



FFBBAE



6CE7D5



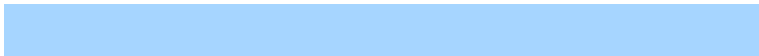
FFBDF5

# Square

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



6CE7D5



A6D5FF



FFB7D1



E9D28A

# Rectangle

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



6CE7D5



60E2FF



FFB7D1



FFC19A

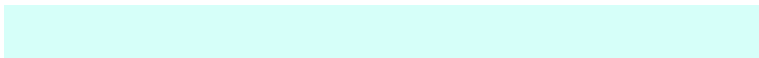


# Sweetspot

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



6CE7D5



D6FFF9



7EE76C



67807C



000000



808080



# Same Dimension

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



6CE7D5



5CFFE7



6CBCE7



677371



00B398



00332C



# Inverse Universe

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



E76C7E



FF5C74



E7976C



736769



B3001A

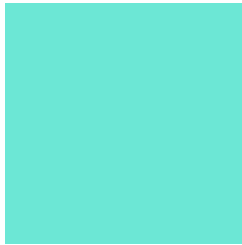


330007



# Previews

## White Background



This preview shows how the Hex color 6CE7D5 looks on a white background.

## Color Contrast Check

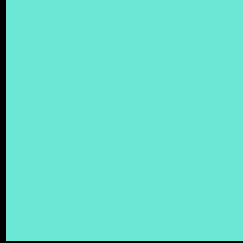
Large Text (above 18pt) WCAG AA × Fail

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 6CE7D5 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

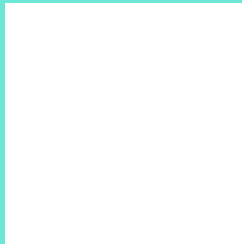
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6CE7D5 Background



This preview shows how black text looks on a background with the Hex color 6CE7D5.

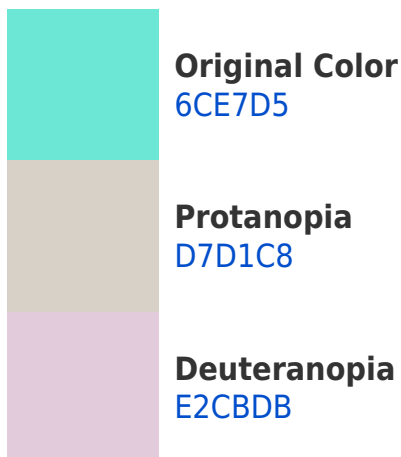


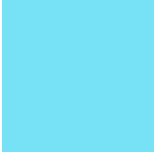
This preview shows how white text looks on a background with the Hex color 6CE7D5.

# 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**  
77E2F5

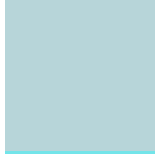
# Trichromacy



**Original Color**  
6CE7D5



**Protanomaly**  
B0D9CD



**Deuteranomaly**  
B7D5D9

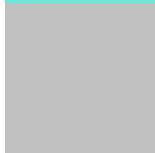


**Tritanomaly**  
73E4E9

# Monochromacy



**Original Color**  
6CE7D5



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
A1CEC8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6CE7D5 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 #6CE7D5 looks like.

```
.text, #text, p{  
    color:#6CE7D5  
}
```

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 #6CE7D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CE7D5  
}
```

## Border

The CSS property to change the border of an element to Hex 6CE7D5 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  
#6CE7D5 }
```

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

```
.border{ border-color:#6CE7D5 }
```

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

Here you see how a box with a 4 pixel #6CE7D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CE7D5; -webkit-box-shadow:4px 4px  
4px 4px #6CE7D5; box-shadow:4px 4px 4px  
4px #6CE7D5 }
```

# Background

The CSS property to change the background color of an element to Hex 6CE7D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CE7D5 }
```

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

```
.background{ background-color:#6CE7D5 }
```

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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