

Converting Colors

Hex(6CE6B7)

Have a look what the booklet for
Hex(6CE6B7) contains.

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Color

Hex(6CE6B7)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 6CE6B7 |
| RGB | 108, 230, 183 |
| RGB Percent | 42%, 90%, 72% |
| CMY | 0.5765, 0.0980, 0.2824 |
| CMYK | 0.53, 0.00, 0.20, 0.10 |
| HSL | 157°, 71%, 66% |
| HSV | 157°, 53%, 90% |
| XYZ | 43.0284, 63.2007, 54.7309 |
| YIQ | 188.1640, -57.6250, -40.4810 |

Conversions

Conversions Part 2

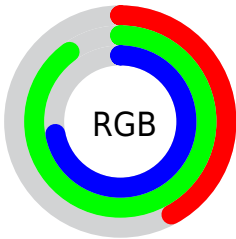
| Format | Color |
|-------------------------------------|---|
| RYB | 108, 184, 230 |
| Decimal | 7136951 |
| CIELab | 83.55, -45.16, 12.61 |
| CIELCh | 84, 46.892, 164.396 |
| Yxy | 63.2007, 0.2673, 0.3926 |
| Android (android.graphics.Color) | 4285327031 (0xFF6CE6B7) |
| YUV | 188.1640, -2.5459, -70.3038 |
| Hunter-Lab | 79.4988, -42.5107, 14.8311 |

Details

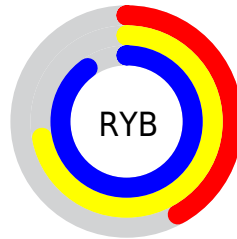
The Hex color **6CE6B7** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E66C9B**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **A7FFEF**, and **2AAE82** is the 20% darker color. If you saturate the color by 10%, you get **55E6AE**, and if you desaturate by 10%, it is **83E6C0**.

Distribution



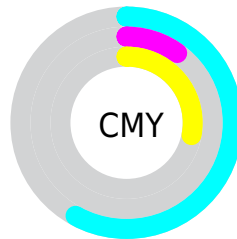
- Red (42%)
- Green (90%)
- Blue (72%)



- Red (42%)
- Yellow (72%)
- Blue (90%)



- Cyan (53%)
- Magenta (0%)
- Yellow (20%)
- Black (10%)



- Cyan (58%)
- Magenta (10%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CE6B7 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 6CE6B7 by changing the saturation by 10% instead.

 6CE6B7

FFFFFF

 A7FFEF


 C4FFFF

 E2FFFF

 6CE6B7

 4DCA9C

 2AAE82

 009369

 007851

 005E3A

 004624

 002F0F

 001500

 000000

 6CE6B7

 6CE6B7

 55E6AE

 83E6C0

 3EE6A5

 9AE6C9

 27E69C

 B1E6D2

 10E694

 C8E6DA

 00E68D

 DFE6E3

 F6E6EC

 FFE6F5

 FFE6FE

 FFE6FF

Harmonies

Analogous

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



A6E08F



6CE6B7



07E8E5

Triad

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



6CE6B7



B2CDFE



FFB794

Complementary

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



6CE6B7



E66C9B

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.



FFAEBC



6CE6B7



F0BDFE

Square

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



6CE6B7



60DBFF



FFB0E9



FFC67B

Rectangle

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



6CE6B7



00E6FF



FFB0E9



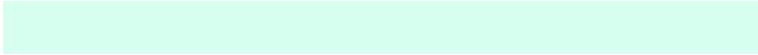
FFB3A1

Sweetspot

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



6CE6B7



D6FFEF



9DE66C



678076



000000



808080

Same Dimension

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



6CE6B7



5CFFC0



6CDAE6



67736E



00B36E



00331F

Inverse Universe

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



E66C9B



FF5C9B



E6786C



73676C



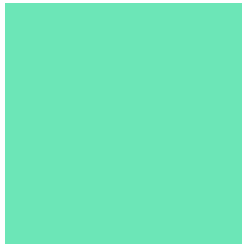
B30045



330014

Previews

White Background



This preview shows how the Hex color 6CE6B7 looks on a white background.

Color Contrast Check

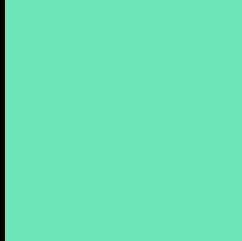
Large Text (above 18pt) WCAG AA × Fail

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 6CE6B7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

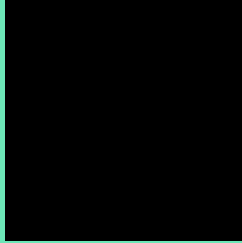
Any Text WCAG AA ✓ Pass

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 6CE6B7 Background



This preview shows how black text looks on a background with the Hex color 6CE6B7.

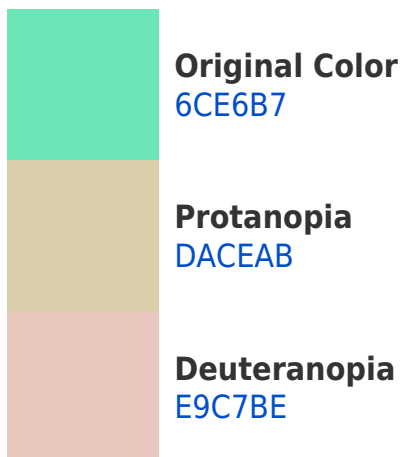


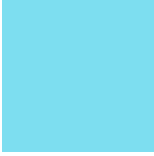
This preview shows how white text looks on a background with the Hex color 6CE6B7.

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



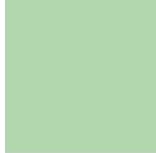


Tritanopia
7DDEF0

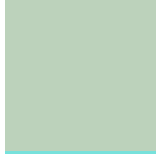
Trichromacy



Original Color
6CE6B7



Protanomaly
B2D7AF



Deuteranomaly
BCD2BB

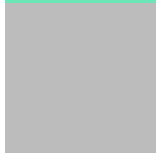


Tritanomaly
77E1DB

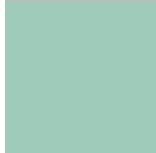
Monochromacy



Original Color
6CE6B7



Achromatopsia
BCBCBC



Achromatomaly
9FCBBA

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CE6B7 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 #6CE6B7 looks like.

```
.text, #text, p{  
    color:#6CE6B7  
}
```

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 #6CE6B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CE6B7
}
```

Border

The CSS property to change the border of an element to Hex 6CE6B7 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
#6CE6B7 }
```

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

```
.border{ border-color:#6CE6B7 }
```

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

Here you see how a box with a 4 pixel #6CE6B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CE6B7; -webkit-box-shadow:4px 4px  
4px 4px #6CE6B7; box-shadow:4px 4px 4px  
4px #6CE6B7 }
```

Background

The CSS property to change the background color of an element to Hex 6CE6B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CE6B7 }
```

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

```
.background{ background-color:#6CE6B7 }
```

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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