

Converting Colors

Hex(66E1C0)

Have a look what the booklet for
Hex(66E1C0) contains.

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Color

Hex(66E1C0)

Conversions

Conversions Part 1

Format	Color
Hex	66E1C0
RGB	102, 225, 192
RGB Percent	40%, 88%, 75%
CMY	0.6000, 0.1176, 0.2471
CMYK	0.55, 0.00, 0.15, 0.12
HSL	164°, 67%, 64%
HSV	164°, 55%, 88%
XYZ	41.9191, 60.4810, 59.3338
YIQ	184.4610, -62.7150, -36.3390

Conversions

Conversions Part 2

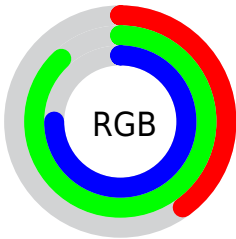
Format	Color
RYB	102, 173, 225
Decimal	6742464
CIELab	82.10, -42.25, 5.78
CIELCh	82, 42.640, 172.214
Yxy	60.4810, 0.2592, 0.3740
Android (android.graphics.Color)	4284932544 (0xFF66E1C0)
YUV	184.4610, 3.7167, -72.3183
Hunter-Lab	77.7695, -39.8820, 9.2037

Details

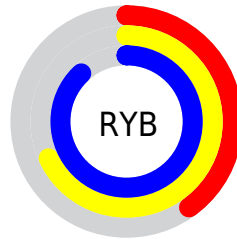
The Hex color **66E1C0** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E16687**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **A1FFF8**, and **20A98B** is the 20% darker color. If you saturate the color by 10%, you get **50E1BA**, and if you desaturate by 10%, it is **7DE1C6**.

Distribution



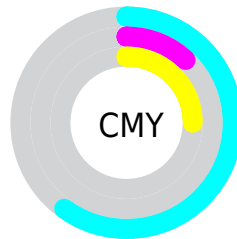
- Red (40%)
- Green (88%)
- Blue (75%)



- Red (40%)
- Yellow (68%)
- Blue (88%)



- Cyan (55%)
- Magenta (0%)
- Yellow (15%)
- Black (12%)



- Cyan (60%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66E1C0 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 66E1C0 by changing the saturation by 10% instead.

 66E1C0

 66E1C0

FFFFFF

 46C5A5

 A1FFF8

 20A98B

 BFFFFFF

 008E71

 DDFFFF

 007459

 FBFFFF

 005A41

 00422B

 002C17

 000E00

 000000

 66E1C0

 66E1C0

 50E1BA

 7DE1C6

 39E1B4

 93E1CC

 23E1AE

 AAE1D2

 0CE1A8

 C0E1D8

 00E1A5

 D7E1DE

 EDE1E4

 FFE1EA

 FFE1F0

 FFE1F6

Harmonies

Analogous

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



9ADC9A



66E1C0



2EE1E9

Triad

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



66E1C0



C2C6FF



FFB88E

Complementary

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



66E1C0



E16687

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.



FFAFB0



66E1C0



F5B7FE

Square

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



66E1C0



80D3FF



FFAED8



F0C67D

Rectangle

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



66E1C0



28DFFF



FFAED8



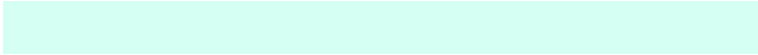
FFB498

Sweetspot

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



66E1C0



D6FFF4



89E166



678079



000000



808080

Same Dimension

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



66E1C0



57FFD2



66C6E1



65706D



00B081



003023

Inverse Universe

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



E16687



FF5784



E18166



706568



B0002F



30000D

Previews

White Background



This preview shows how the Hex color 66E1C0 looks on a white background.

Color Contrast Check

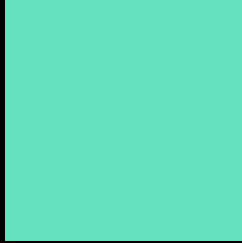
Large Text (above 18pt) WCAG AA × Fail

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 66E1C0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

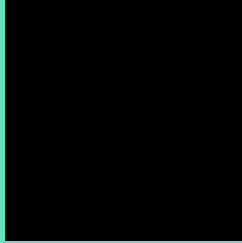
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

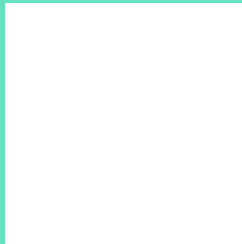
Any Text WCAG AAA ✓ Pass

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

Hex 66E1C0 Background



This preview shows how black text looks on a background with the Hex color 66E1C0.

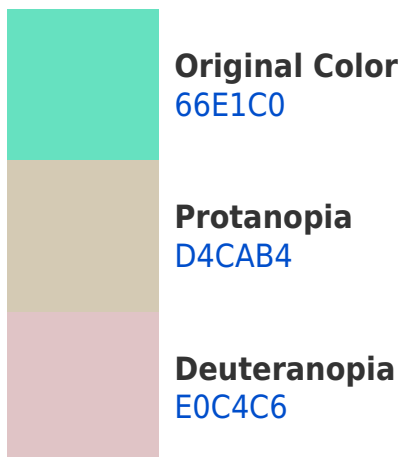


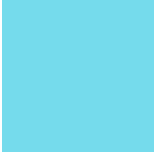
This preview shows how white text looks on a background with the Hex color 66E1C0.

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
75DBEC

Trichromacy



Original Color
66E1C0



Protanomaly
ACD2B8



Deuteranomaly
B4CFC4



Tritanomaly
70DDDC

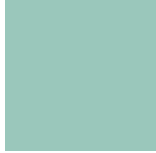
Monochromacy



Original Color
66E1C0



Achromatopsia
B8B8B8



Achromatomaly
9AC7BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 66E1C0 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 #66E1C0 looks like.

```
.text, #text, p{  
    color:#66E1C0  
}
```

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 #66E1C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66E1C0
}
```

Border

The CSS property to change the border of an element to Hex 66E1C0 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
#66E1C0 }
```

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

```
.border{ border-color:#66E1C0 }
```

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

Here you see how a box with a 4 pixel #66E1C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66E1C0; -webkit-box-shadow:4px 4px  
4px 4px #66E1C0; box-shadow:4px 4px 4px  
4px #66E1C0 }
```

Background

The CSS property to change the background color of an element to Hex 66E1C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66E1C0 }
```

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

```
.background{ background-color:#66E1C0 }
```

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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