

Converting Colors

Hex(66E0BF)

Have a look what the booklet for
Hex(66E0BF) contains.

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Color

Hex(66E0BF)

Conversions

Conversions Part 1

Format	Color
Hex	66E0BF
RGB	102, 224, 191
RGB Percent	40%, 88%, 75%
CMY	0.6000, 0.1216, 0.2510
CMYK	0.54, 0.00, 0.15, 0.12
HSL	164°, 66%, 64%
HSV	164°, 54%, 88%
XYZ	41.5391, 59.8977, 58.6623
YIQ	183.7600, -62.1190, -36.1270

Conversions

Conversions Part 2

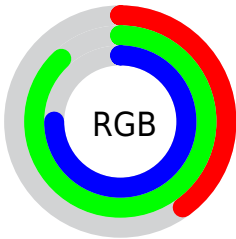
Format	Color
RYB	102, 173, 224
Decimal	6742207
CIELab	81.78, -42.04, 5.85
CIELCh	82, 42.442, 172.078
Yxy	59.8977, 0.2595, 0.3741
Android (android.graphics.Color)	4284932287 (0xFF66E0BF)
YUV	183.7600, 3.5693, -71.7035
Hunter-Lab	77.3936, -39.6333, 9.2353

Details

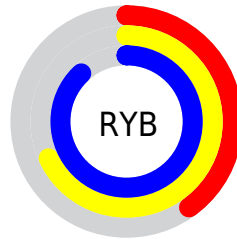
The Hex color **66E0BF** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E06687**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **A1FFF7**, and **20A88A** is the 20% darker color. If you saturate the color by 10%, you get **50E0B9**, and if you desaturate by 10%, it is **7CE0C5**.

Distribution



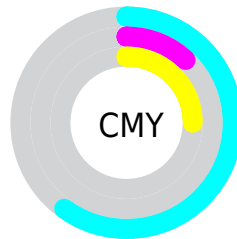
- Red (40%)
- Green (88%)
- Blue (75%)



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



- Cyan (54%)
- Magenta (0%)
- Yellow (15%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 66E0BF 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 66E0BF by changing the saturation by 10% instead.

 66E0BF

 66E0BF

FFFFFF

 47C4A4

 A1FFF7

 20A88A

 BFFFFFF

 008D70

 DDFFFF

 007358

 FBFFFF

 005A41

 00412B

 002B16

 000C00

 000000

 66E0BF

 66E0BF

 50E0B9

 7CE0C5

 39E0B3

 93E0CB

 23E0AD

 A9E0D1

 0CE0A7

 C0E0D7

 00E0A3

 D6E0DD

 ECE0E3

 FFE0E9

 FFE0EF

 FFE0F6

Harmonies

Analogous

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



9ADB99



66E0BF



2FE0E8

Triad

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



66E0BF



C1C5FF



FFB88E

Complementary

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



66E0BF



E06687

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.



FFAEAF



66E0BF



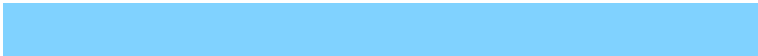
F3B7FD

Square

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



66E0BF



80D2FF



FFADD8



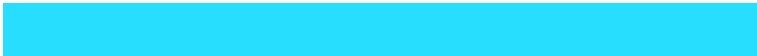
EFC57C

Rectangle

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



66E0BF



28DEFF



FFADD8



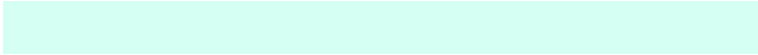
FFB498

Sweetspot

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



66E0BF



D6FFF4



89E066



678079



000000



808080

Same Dimension

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



66E0BF



59FFD2



66C6E0



65706D



00B080



003023

Inverse Universe

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



E06687



FF5986



E08066



706568



B00030



30000D

Previews

White Background



This preview shows how the Hex color 66E0BF looks on a white background.

Color Contrast Check

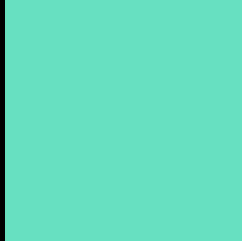
Large Text (above 18pt) WCAG AA × Fail

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 66E0BF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

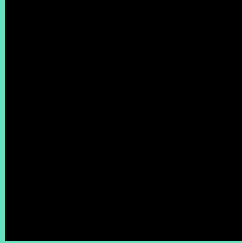
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

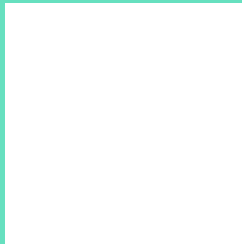
Any Text WCAG AAA ✓ Pass

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

Hex 66E0BF Background



This preview shows how black text looks on a background with the Hex color 66E0BF.



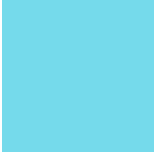
This preview shows how white text looks on a background with the Hex color 66E0BF.

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
75DAEB

Trichromacy



Original Color
66E0BF



Protanomaly
ABD1B7



Deuteranomaly
B3CEC3

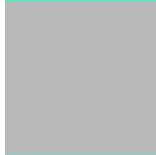


Tritanomaly
70DCDB

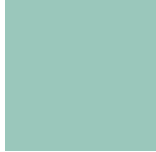
Monochromacy



Original Color
66E0BF



Achromatopsia
B8B8B8



Achromatomaly
9AC7BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 66E0BF 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 #66E0BF looks like.

```
.text, #text, p{  
    color:#66E0BF  
}
```

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 #66E0BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66E0BF
}
```

Border

The CSS property to change the border of an element to Hex 66E0BF 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
#66E0BF }
```

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

```
.border{ border-color:#66E0BF }
```

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

Here you see how a box with a 4 pixel #66E0BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66E0BF; -webkit-box-shadow:4px 4px  
4px 4px #66E0BF; box-shadow:4px 4px 4px  
4px #66E0BF }
```

Background

The CSS property to change the background color of an element to Hex 66E0BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66E0BF }
```

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

```
.background{ background-color:#66E0BF }
```

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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