

Converting Colors

Hex(6BE4D0)

Have a look what the booklet for
Hex(6BE4D0) contains.

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Color

Hex(6BE4D0)

Conversions

Conversions Part 1

Format	Color
Hex	6BE4D0
RGB	107, 228, 208
RGB Percent	42%, 89%, 82%
CMY	0.5804, 0.1059, 0.1843
CMYK	0.53, 0.00, 0.09, 0.11
HSL	170°, 69%, 66%
HSV	170°, 53%, 89%
XYZ	45.1920, 63.1667, 69.4850
YIQ	189.5410, -65.6960, -31.8720

Conversions

Conversions Part 2

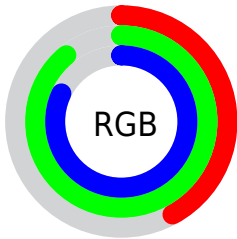
Format	Color
RYB	107, 173, 228
Decimal	7070928
CIELab	83.53, -38.76, -0.59
CIELCh	84, 38.762, 180.867
Yxy	63.1667, 0.2541, 0.3552
Android (android.graphics.Color)	4285261008 (0xFF6BE4D0)
YUV	189.5410, 9.1003, -72.3885
Hunter-Lab	79.4775, -37.5880, 3.7986

Details

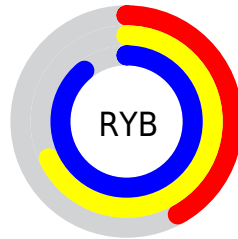
The Hex color **6BE4D0** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **E46B7F**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **A7FFFF**, and **27AC9A** is the 20% darker color. If you saturate the color by 10%, you get **54E4CC**, and if you desaturate by 10%, it is **82E4D4**.

Distribution



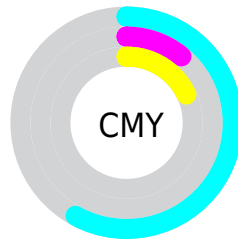
- Red (42%)
- Green (89%)
- Blue (82%)



- Red (42%)
- Yellow (68%)
- Blue (89%)



- Cyan (53%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



- Cyan (58%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BE4D0 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 6BE4D0 by changing the saturation by 10% instead.

 6BE4D0

 6BE4D0

FFFFFF

 4CC8B4

 A7FFFF

 27AC9A

 C4FFFF

 009180

 E2FFFF

 007767

 005D4F

 004538

 002E23

 00150D

 000000

 6BE4D0

 6BE4D0

 54E4CC

 82E4D4

 3DE4C8

 99E4D8

 27E4C5

 AFE4DB

 10E4C1

 C6E4DF

 00E4BE

 DDE4E3

 F4E4E7

 FFE4EA

 FFE4EE

 FFE4F2

Harmonies

Analogous

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



97E1AB



6BE4D0



50E3F4

Triad

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



6BE4D0



D6C6FF



FFC291

Complementary

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



6BE4D0



E46B7F

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.



FFB8AD



6BE4D0



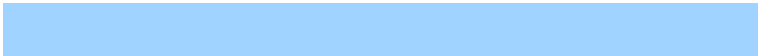
FFBAF4

Square

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



6BE4D0



A0D3FF



FFB4D0



E8CE87

Rectangle

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



6BE4D0



5BE0FF



FFB4D0



FFBE99

Sweetspot

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



6BE4D0



D6FFF8



7FE46B



67807B



000000



808080

Same Dimension

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



6BE4D0



5CFFE4



6BBCE4



677371



00B395



00332B

Inverse Universe

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



E46B7F



FF5C77



E4936B



736769



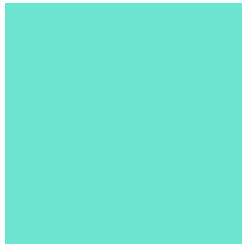
B3001E



330008

Previews

White Background



This preview shows how the Hex color 6BE4D0 looks on a white background.

Color Contrast Check

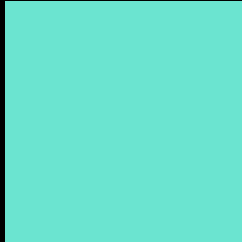
Large Text (above 18pt) WCAG AA × Fail

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 6BE4D0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

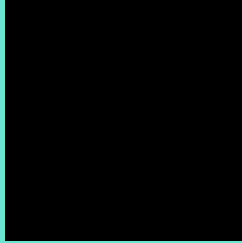
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

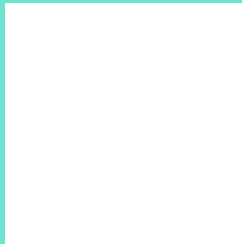
Any Text WCAG AAA ✓ Pass

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

Hex 6BE4D0 Background



This preview shows how black text looks on a background with the Hex color 6BE4D0.



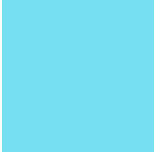
This preview shows how white text looks on a background with the Hex color 6BE4D0.

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
76DFF1

Trichromacy



Original Color
6BE4D0



Protanomaly
AED6C8



Deuteranomaly
B5D2D4

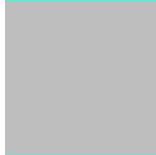


Tritanomaly
72E1E5

Monochromacy



Original Color
6BE4D0



Achromatopsia
BEBEBE



Achromatomaly
A0CCC5

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BE4D0 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 #6BE4D0 looks like.

```
.text, #text, p{  
    color:#6BE4D0  
}
```

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 #6BE4D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BE4D0
}
```

Border

The CSS property to change the border of an element to Hex 6BE4D0 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
#6BE4D0 }
```

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

```
.border{ border-color:#6BE4D0 }
```

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

Here you see how a box with a 4 pixel #6BE4D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BE4D0; -webkit-box-shadow:4px 4px  
4px 4px #6BE4D0; box-shadow:4px 4px 4px  
4px #6BE4D0 }
```

Background

The CSS property to change the background color of an element to Hex 6BE4D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BE4D0 }
```

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

```
.background{ background-color:#6BE4D0 }
```

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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