

# Converting Colors

Hex(6BE0C8)

Have a look what the booklet for  
Hex(6BE0C8) contains.

<b>Hex(6BE0C8)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(6BE0C8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BE0C8
RGB	107, 224, 200
RGB Percent	42%, 88%, 78%
CMY	0.5804, 0.1216, 0.2157
CMYK	0.52, 0.00, 0.11, 0.12
HSL	168°, 65%, 65%
HSV	168°, 52%, 88%
XYZ	43.1444, 60.6072, 64.0680
YIQ	186.2810, -62.0280, -32.2680

# Conversions

## Conversions Part 2

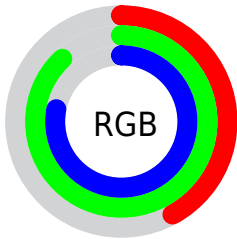
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 172, 224
Decimal	7069896
CIELab	82.17, -38.87, 1.66
CIELCh	82, 38.904, 177.554
Yxy	60.6072, 0.2571, 0.3611
Android (android.graphics.Color)	4285259976 (0xFF6BE0C8)
YUV	186.2810, 6.7635, -69.5294
Hunter-Lab	77.8507, -37.3150, 5.7021

# Details

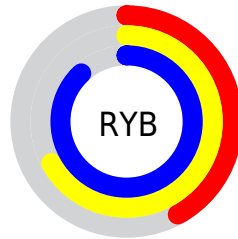
The Hex color **6BE0C8** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **E06B83**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **A6FFFF**, and **29A892** is the 20% darker color. If you saturate the color by 10%, you get **55E0C3**, and if you desaturate by 10%, it is **81E0CD**.

# Distribution



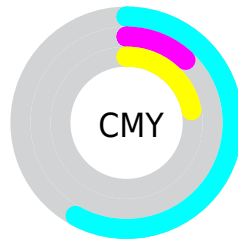
- Red (42%)
- Green (88%)
- Blue (78%)



- Red (42%)
- Yellow (67%)
- Blue (88%)



- Cyan (52%)
- Magenta (0%)
- Yellow (11%)
- Black (12%)



- Cyan (58%)
- Magenta (12%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6BE0C8 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 6BE0C8 by changing the saturation by 10% instead.



 6BE0C8

 6BE0C8

FFFFFF

 4CC4AD

 A6FFFF

 29A892

 C3FFFF

 008D78

 E1FFFF

 007360

 005A48

 004232

 002B1D

 000E03

 000000

 6BE0C8

 6BE0C8

 55E0C3


 81E0CD

 3EE0BF

 98E0D1

 28E0BA

 AEE0D6

 11E0B6

 C5E0DA

 00E0B2

 DBE0DF

 F1E0E4

 FFE0E8

 FFE0ED

 FFE0F1

# Harmonies

## Analogous

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



98DCA4



6BE0C8



4ADFED

# Triad

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



6BE0C8



CDC4FF



FFBD90

# Complementary

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



6BE0C8



E06B83

# 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.



FFB3AC



6BE0C8



F8B8F4

# Square

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



6BE0C8



95D1FF



FFB1D1



E8C983

# Rectangle

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



6BE0C8



51DDFF



FFB1D1



FFB998

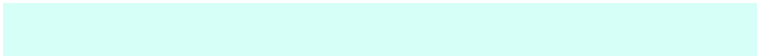


# Sweetspot

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



6BE0C8



D6FFF7



84E06B



67807B



000000



808080



# Same Dimension

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



6BE0C8



5EFFDE



6BBFE0



65706E



00B08C



003027



# Inverse Universe

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



E06B83



FF5E7F



E08C6B



706567



B00024

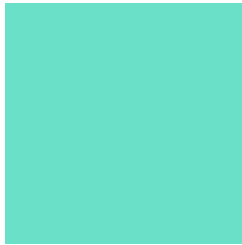


30000A



# Previews

## White Background



This preview shows how the Hex color 6BE0C8 looks on a white background.

## Color Contrast Check

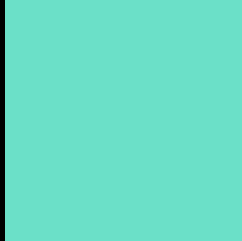
Large Text (above 18pt) WCAG AA × Fail

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 6BE0C8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

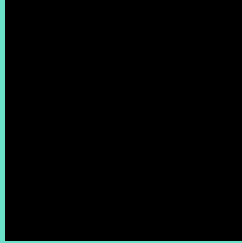
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6BE0C8 Background



This preview shows how black text looks on a background with the Hex color 6BE0C8.



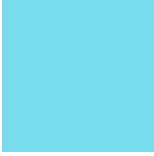
This preview shows how white text looks on a background with the Hex color 6BE0C8.

# 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**  
77DBEC

# Trichromacy



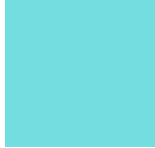
**Original Color**  
6BE0C8



**Protanomaly**  
ADD2C0



**Deuteranomaly**  
B4CFCC

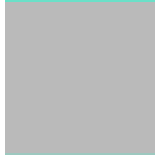


**Tritanomaly**  
73DDDF

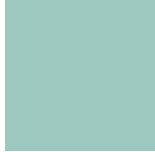
# Monochromacy



**Original Color**  
6BE0C8



**Achromatopsia**  
BABABA



**Achromatomaly**  
9DC8BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6BE0C8 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 #6BE0C8 looks like.

```
.text, #text, p{  
    color:#6BE0C8  
}
```

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 #6BE0C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BE0C8
}
```

## Border

The CSS property to change the border of an element to Hex 6BE0C8 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
#6BE0C8 }
```

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

```
.border{ border-color:#6BE0C8 }
```

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

Here you see how a box with a 4 pixel #6BE0C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BE0C8; -webkit-box-shadow:4px 4px  
4px 4px #6BE0C8; box-shadow:4px 4px 4px  
4px #6BE0C8 }
```

# Background

The CSS property to change the background color of an element to Hex 6BE0C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BE0C8 }
```

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

```
.background{ background-color:#6BE0C8 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor