

Converting Colors

Hex(07B4B6)

Have a look what the booklet for
Hex(07B4B6) contains.

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Color

Hex(07B4B6)

Conversions

Conversions Part 1

Format	Color
Hex	07B4B6
RGB	7, 180, 182
RGB Percent	3%, 71%, 71%
CMY	0.9725, 0.2941, 0.2863
CMYK	0.96, 0.01, 0.00, 0.29
HSL	181°, 93%, 37%
HSV	181°, 96%, 71%
XYZ	24.8524, 36.0651, 49.9074
YIQ	128.5010, -103.7500, -36.0540

Conversions

Conversions Part 2

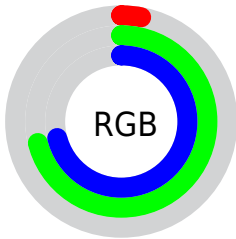
Format	Color
RYB	7, 94, 182
Decimal	505014
CIELab	66.57, -36.18, -11.84
CIElCh	67, 38.066, 198.128
Yxy	36.0651, 0.2242, 0.3254
Android (android.graphics.Color)	4278695094 (0xFF07B4B6)
YUV	128.5010, 26.3750, -106.5564
Hunter-Lab	60.0542, -31.2258, -7.2343

Details

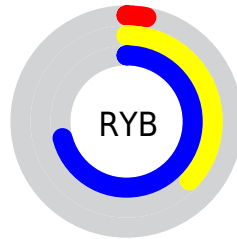
The Hex color **07B4B6** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B60907**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **65ECEE**, and **007E81** is the 20% darker color. If you saturate the color by 10%, you get **00B4B6**, and if you desaturate by 10%, it is **19B4B6**.

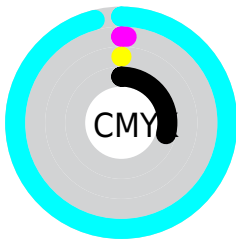
Distribution



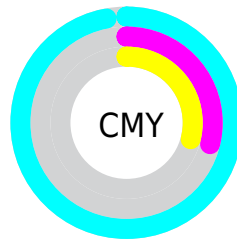
- Red (3%)
- Green (71%)
- Blue (71%)



- Red (3%)
- Yellow (37%)
- Blue (71%)



- Cyan (96%)
- Magenta (1%)
- Yellow (0%)
- Black (29%)



- Cyan (97%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07B4B6 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 07B4B6 by changing the saturation by 10% instead.

 07B4B6

 07B4B6

FFFFFF

 00999B

 65ECEE

 007E81

 85FFFF

 006568

 A4FFFF

 004C50

 C2FFFF

 003439

 E1FFFF

 002024

 00010E

 000000

 07B4B6

 07B4B6

00B4B6

19B4B6

2BB4B6

3EB5B6

50B5B6

62B5B6

74B5B6

86B5B6

99B6B6

ABB6B6

Harmonies

Analogous

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



4FB393



07B4B6



00B1D4

Triad

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



07B4B6



BF91D0



C49B5F

Complementary

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



07B4B6



B60907

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.



DB8F70



07B4B6



DC88B1

Square

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



07B4B6



919EE3



E5888E



A3A660

Rectangle

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



07B4B6



3EACE1



E5888E



CD9763

Sweetspot

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



07B4B6



A8ECED



07B607



4E7778



F7F7F7



787878

Same Dimension

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



07B4B6



00EAED



075EB6



535C5C



009A9C



001C1C

Inverse Universe

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



B607B4



ED00EA



B65E07



5C535C



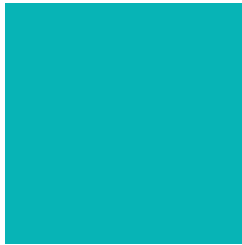
9C009A



1C001C

Previews

White Background



This preview shows how the Hex color 07B4B6 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 07B4B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

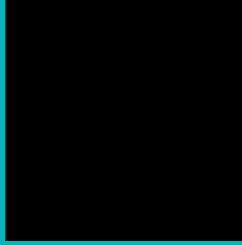
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

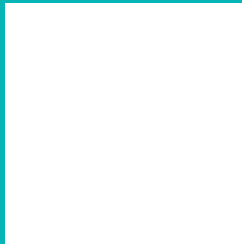
Any Text WCAG AAA ✓ Pass

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

Hex 07B4B6 Background



This preview shows how black text looks on a background with the Hex color 07B4B6.

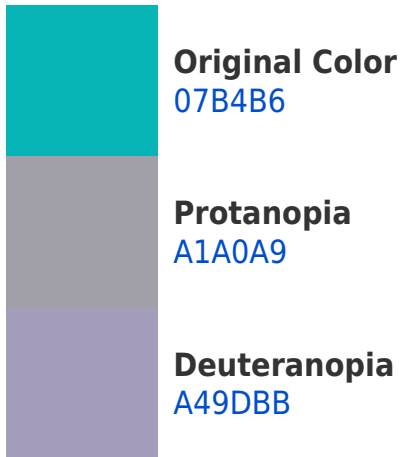


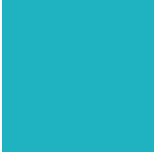
This preview shows how white text looks on a background with the Hex color 07B4B6.

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
1FB2C1

Trichromacy



Original Color
07B4B6



Protanomaly
69A7AE



Deuteranomaly
6BA5B9



Tritanomaly
16B3BD

Monochromacy



Original Color
07B4B6



Achromatopsia
818181



Achromatomaly
559494

CSS Examples

Text

The CSS property to change the color of the text to Hex 07B4B6 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 #07B4B6 looks like.

```
.text, #text, p{  
    color:#07B4B6  
}
```

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 #07B4B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07B4B6
}
```

Border

The CSS property to change the border of an element to Hex 07B4B6 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
#07B4B6 }
```

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

```
.border{ border-color:#07B4B6 }
```

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

Here you see how a box with a 4 pixel #07B4B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07B4B6; -webkit-box-shadow:4px 4px  
4px 4px #07B4B6; box-shadow:4px 4px 4px  
4px #07B4B6 }
```

Background

The CSS property to change the background color of an element to Hex 07B4B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07B4B6 }
```

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

```
.background{ background-color:#07B4B6 }
```

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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