

# Converting Colors

Hex(3EB8B0)

Have a look what the booklet for  
Hex(3EB8B0) contains.

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**Color**

**Hex(3EB8B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3EB8B0
RGB	62, 184, 176
RGB Percent	24%, 72%, 69%
CMY	0.7569, 0.2784, 0.3098
CMYK	0.66, 0.00, 0.04, 0.28
HSL	176°, 50%, 48%
HSV	176°, 66%, 72%
XYZ	26.9636, 38.4397, 47.0728
YIQ	146.6100, -70.1440, -28.3520

# Conversions

## Conversions Part 2

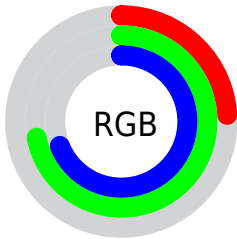
Format	Color
R <sub>Y</sub> B	62, 125, 184
Decimal	4110512
CIE Lab	68.34, -35.01, -5.81
CIE LCh	68, 35.492, 189.419
Yxy	38.4397, 0.2397, 0.3418
Android (android.graphics.Color)	4282300592 (0xFF3EB8B0)
YUV	146.6100, 14.4893, -74.2030
Hunter-Lab	61.9998, -30.8703, -1.6156

# Details

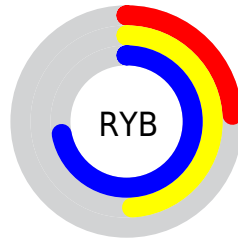
The Hex color **3EB8B0** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B83E46**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **7DF1E8**, and **00827C** is the 20% darker color. If you saturate the color by 10%, you get **2CB8AF**, and if you desaturate by 10%, it is **50B8B1**.

# Distribution



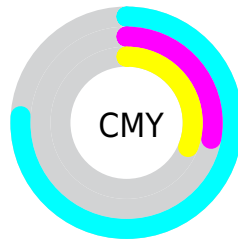
- Red (24%)
- Green (72%)
- Blue (69%)



- Red (24%)
- Yellow (49%)
- Blue (72%)



- Cyan (66%)
- Magenta (0%)
- Yellow (4%)
- Black (28%)



- Cyan (76%)
- Magenta (28%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3EB8B0 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 3EB8B0 by changing the saturation by 10% instead.



 3EB8B0

 3EB8B0

FFFFFF

 109D95

 7DF1E8

 00827C

 9AFFFF

 006963

 B8FFFF

 00504B

 D6FFFF

 003834

 F4FFFF

 00241F

 000007

 000000

 3EB8B0

 3EB8B0

■ 2CB8AF

■ 50B8B1

■ 19B8AE

■ 63B8B2

■ 07B8AC

■ 75B8B4

■ 00B8AC

■ 88B8B5

■ 9AB8B6

■ ACB8B7

■ BFB8B8

■ D1B8BA

■ E4B8BB

# Harmonies

## Analogous

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



68B68F



3EB8B0



2AB6CE

# Triad

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



3EB8B0



B89BD8



CF9D6B

# Complementary

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



3EB8B0



B83E46

# 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.



E1937F



3EB8B0



D791BE

# Square

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



3EB8B0



89A6E6



E58E9E



B2A867

# Rectangle

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



3EB8B0



43B3DD



E58E9E



D69970



# Sweetspot

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



3EB8B0



C0F0ED



46B83E



5B7876



F7F7F7



787878



# Same Dimension

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



3EB8B0



30F0E3



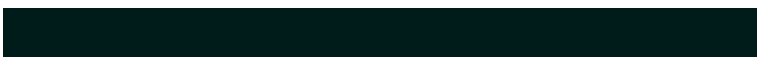
3E83B8



535C5B



009C91



001C1A



# Inverse Universe

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



B83E46



F0303D



B8733E



5C5353



9C000A

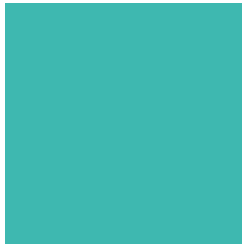


1C0002



# Previews

## White Background



This preview shows how the Hex color 3EB8B0 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 3EB8B0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

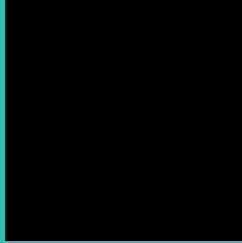
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

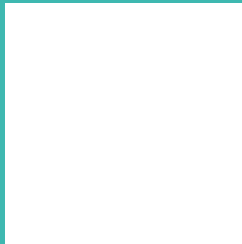
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3EB8B0 Background



This preview shows how black text looks on a background with the Hex color 3EB8B0.

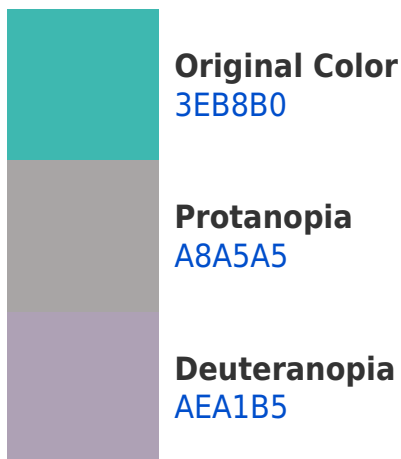


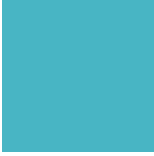
This preview shows how white text looks on a background with the Hex color 3EB8B0.

# 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**  
48B5C4

# Trichromacy



**Original Color**  
3EB8B0



**Protanomaly**  
81ACA9



**Deuteranomaly**  
85A9B3



**Tritanomaly**  
44B6BD

# Monochromacy



**Original Color**  
3EB8B0



**Achromatopsia**  
939393



**Achromatomaly**  
74A09E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3EB8B0 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 #3EB8B0 looks like.

```
.text, #text, p{  
    color:#3EB8B0  
}
```

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 #3EB8B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EB8B0  
}
```

## Border

The CSS property to change the border of an element to Hex 3EB8B0 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  
#3EB8B0 }
```

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

```
.border{ border-color:#3EB8B0 }
```

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

Here you see how a box with a 4 pixel #3EB8B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EB8B0; -webkit-box-shadow:4px 4px  
4px 4px #3EB8B0; box-shadow:4px 4px 4px  
4px #3EB8B0 }
```

# Background

The CSS property to change the background color of an element to Hex 3EB8B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EB8B0 }
```

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

```
.background{ background-color:#3EB8B0 }
```

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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