

Converting Colors

Hex(3EB0A0)

Have a look what the booklet for
Hex(3EB0A0) contains.

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Color

Hex(3EB0A0)

Conversions

Conversions Part 1

Format	Color
Hex	3EB0A0
RGB	62, 176, 160
RGB Percent	24%, 69%, 63%
CMY	0.7569, 0.3098, 0.3725
CMYK	0.65, 0.00, 0.09, 0.31
HSL	172°, 48%, 47%
HSV	172°, 65%, 69%
XYZ	23.8571, 34.6129, 38.6813
YIQ	140.0900, -62.8080, -29.1440

Conversions

Conversions Part 2

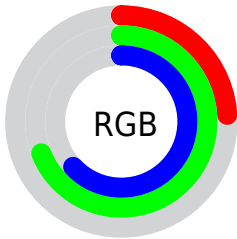
Format	Color
RYB	62, 123, 176
Decimal	4108448
CIELab	65.45, -35.66, -1.22
CIELCh	65, 35.681, 181.965
Yxy	34.6129, 0.2456, 0.3563
Android (android.graphics.Color)	4282298528 (0xFF3EB0A0)
YUV	140.0900, 9.8156, -68.4849
Hunter-Lab	58.8327, -30.5741, 2.2010




Details

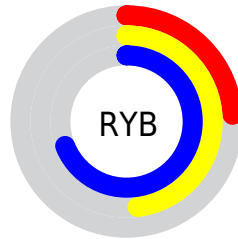
The Hex color **3EB0A0** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B03E4E**, and the grayscale version is **8C8C8C**.




A 20% lighter version of the original color is **7BE8D7**, and **007B6D** is the 20% darker color. If you saturate the color by 10%, you get **2CB09E**, and if you desaturate by 10%, it is **50B0A2**.

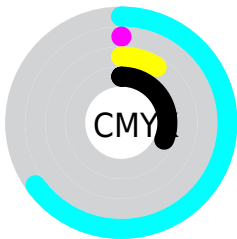
Distribution







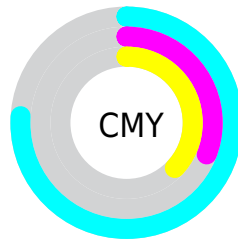
-  Red (24%)
-  Green (69%)
-  Blue (63%)






-  Red (24%)
-  Yellow (48%)
-  Blue (69%)



-  Cyan (65%)
-  Magenta (0%)
-  Yellow (9%)
-  Black (31%)



-  Cyan (76%)
-  Magenta (31%)
-  Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EB0A0 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 3EB0A0 by changing the saturation by 10% instead.

 3EB0A0

 3EB0A0

FFFFFF

 159586

 7BE8D7

 007B6D

 98FFF3

 006154

 B5FFFF

 00493D

 D3FFFF

 003128

 F0FFFF

 001C13

 000000

 3EB0A0

 3EB0A0

 2CB09E

 50B0A2

 1BB09B

 61B0A5

 09B099

 73B0A7

 00B097

 84B0AA

 96B0AC

 A8B0AF

 B9B0B1

 CBB0B4

 DCB0B6

Harmonies

Analogous

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



6AAD80



3EB0A0



14AFC0

Triad

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



3EB0A0



A596D5



CC9367

Complementary

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



3EB0A0



B03E4E

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.



DC897F



3EB0A0



C98BBE

Square

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



3E80A0



74A1DE



DB869E



B29E5E

Rectangle

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



3EB0A0



28ACD0



DB869E



D38F6E

Sweetspot

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



3EB0A0



BAE6DF



4FB03E



58736F



F2F2F2



737373

Same Dimension

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



3EB0A0



32E6CC



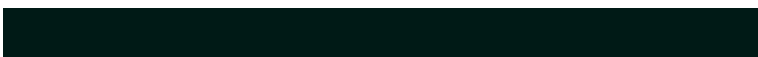
3E88B0



505958



009984



001A16

Inverse Universe

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



B03E4E



E6324C



B0663E



595052



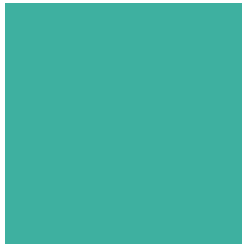
990015



1A0004

Previews

White Background



This preview shows how the Hex color 3EB0A0 looks on a white background.

Color Contrast Check

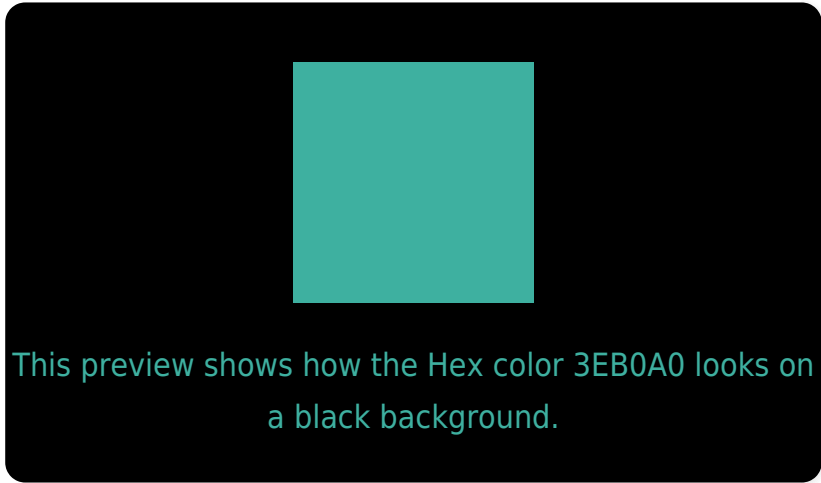
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

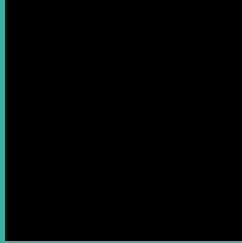
Any Text WCAG AA ✓ Pass

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 3EB0A0 Background



This preview shows how black text looks on a background with the Hex color 3EB0A0.

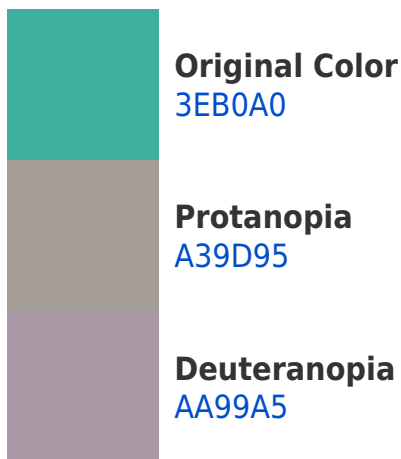


This preview shows how white text looks on a background with the Hex color 3EB0A0.

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





Trichromacy



Original Color
3EB0A0



Protanomaly
7EA499



Deuteranomaly
83A1A3



Tritanomaly
46ADB1

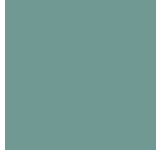
Monochromacy



Original Color
3EB0A0



Achromatopsia
8C8C8C



Achromatomaly
709993

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EB0A0 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 #3EB0A0 looks like.

```
.text, #text, p{  
    color:#3EB0A0  
}
```

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 #3EB0A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EB0A0
}
```

Border

The CSS property to change the border of an element to Hex 3EB0A0 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
#3EB0A0 }
```

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

```
.border{ border-color:#3EB0A0 }
```

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

Here you see how a box with a 4 pixel #3EB0A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EB0A0; -webkit-box-shadow:4px 4px  
4px 4px #3EB0A0; box-shadow:4px 4px 4px  
4px #3EB0A0 }
```

Background

The CSS property to change the background color of an element to Hex 3EB0A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EB0A0 }
```

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

```
.background{ background-color:#3EB0A0 }
```

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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