

Converting Colors

Hex(3EB4BD)

Have a look what the booklet for
Hex(3EB4BD) contains.

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Color

Hex(3EB4BD)

Conversions

Conversions Part 1

Format	Color
Hex	3EB4BD
RGB	62, 180, 189
RGB Percent	24%, 71%, 74%
CMY	0.7569, 0.2941, 0.2588
CMYK	0.67, 0.05, 0.00, 0.26
HSL	184°, 51%, 49%
HSV	184°, 67%, 74%
XYZ	27.4932, 37.3408, 53.9026
YIQ	145.7440, -73.2170, -22.2170

Conversions

Conversions Part 2

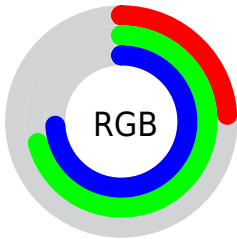
Format	Color
RYB	62, 123, 189
Decimal	4109501
CIELab	67.53, -29.38, -14.19
CIELCh	68, 32.627, 205.787
Yxy	37.3408, 0.2315, 0.3145
Android (android.graphics.Color)	4282299581 (0xFF3EB4BD)
YUV	145.7440, 21.3252, -73.4435
Hunter-Lab	61.1071, -26.6271, -9.5247




Details

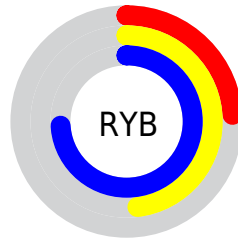
The Hex color **3EB4BD** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **BD473E**, and the grayscale version is **929292**.




A 20% lighter version of the original color is **7DECF5**, and **007F88** is the 20% darker color. If you saturate the color by 10%, you get **2BB3BD**, and if you desaturate by 10%, it is **51B5BD**.

Distribution







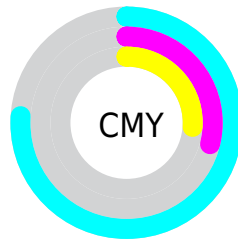
-  Red (24%)
-  Green (71%)
-  Blue (74%)






-  Red (24%)
-  Yellow (48%)
-  Blue (74%)



-  Cyan (67%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (26%)



-  Cyan (76%)
-  Magenta (29%)
-  Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EB4BD 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 3EB4BD by changing the saturation by 10% instead.

 3EB4BD

 3EB4BD

FFFFFF

 0E99A2

 7DECF5

 007F88

 9BFFFF

 00656E

 B9FFFF

 004D56

 D7FFFF

 00353F

 F5FFFF

 002229

 000115

 000000

 3EB4BD

 3EB4BD

2BB3BD

51B5BD

18B1BD

64B7BD

05B0BD

77B8BD

00B0BD

8AB9BD

9CBBD

AFBCBD

C2BDBD

D5BFBD

E8C0BD

Harmonies

Analogous

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



59B49F



3EB4BD



4BB0D4

Triad

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



3EB4BD



C694C6



BCA16A

Complementary

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



3EB4BD



BD473E

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.



D39775



3EB4BD



DA8EAA

Square

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



3EB4BD



A39ED9



DE908C



9EAA6F

Rectangle

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



3EB4BD



66ABDD



DE908C



C59E6C

Sweetspot

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



3EB4BD



C4F1F5



3EBD46



5D787A



FAFAFA



7A7A7A

Same Dimension

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



3EB4BD



2FE7F5



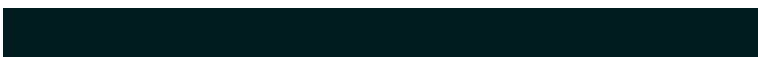
3E75BD



555E5E



00939E



001C1F

Inverse Universe

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



BD3EB4



F52FE7



BD863E



5E555E



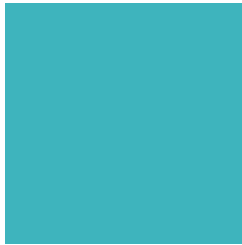
9E0093



1F001C

Previews

White Background



This preview shows how the Hex color 3EB4BD 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 3EB4BD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

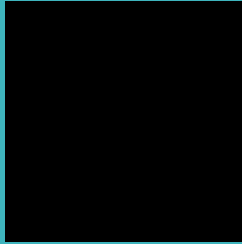
Any Text WCAG AA ✓ Pass

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 3EB4BD Background



This preview shows how black text looks on a background with the Hex color 3EB4BD.

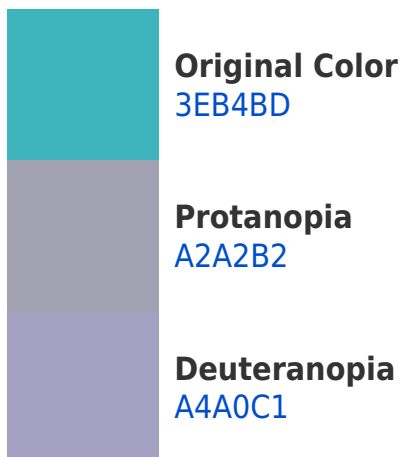


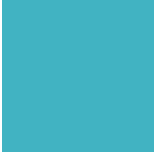
This preview shows how white text looks on a background with the Hex color 3EB4BD.

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](#).

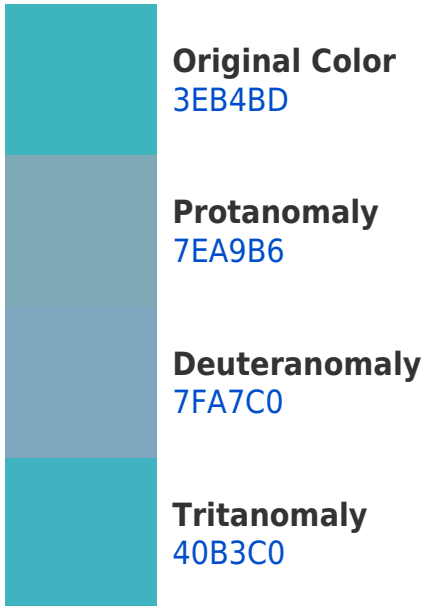
Dichromacy





Tritanopia
41B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3EB4BD 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 #3EB4BD looks like.

```
.text, #text, p{  
    color:#3EB4BD  
}
```

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 #3EB4BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EB4BD
}
```

Border

The CSS property to change the border of an element to Hex 3EB4BD 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
#3EB4BD }
```

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

```
.border{ border-color:#3EB4BD }
```

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

Here you see how a box with a 4 pixel #3EB4BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EB4BD; -webkit-box-shadow:4px 4px  
4px 4px #3EB4BD; box-shadow:4px 4px 4px  
4px #3EB4BD }
```

Background

The CSS property to change the background color of an element to Hex 3EB4BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EB4BD }
```

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

```
.background{ background-color:#3EB4BD }
```

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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