

Converting Colors

Hex(3EB1C0)

Have a look what the booklet for
Hex(3EB1C0) contains.

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Color

Hex(3EB1C0)

Conversions

Conversions Part 1

Format	Color
Hex	3EB1C0
RGB	62, 177, 192
RGB Percent	24%, 69%, 75%
CMY	0.7569, 0.3059, 0.2471
CMYK	0.68, 0.08, 0.00, 0.25
HSL	187°, 51%, 50%
HSV	187°, 68%, 75%
XYZ	27.2232, 36.2742, 55.4360
YIQ	144.3250, -73.3550, -19.7150

Conversions

Conversions Part 2

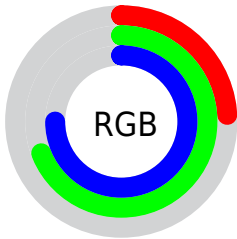
Format	Color
RYB	62, 123, 192
Decimal	4108736
CIELab	66.73, -27.00, -17.06
CIElCh	67, 31.943, 212.291
Yxy	36.2742, 0.2289, 0.3050
Android (android.graphics.Color)	4282298816 (0xFF3EB1C0)
YUV	144.3250, 23.5038, -72.1990
Hunter-Lab	60.2281, -24.7168, -12.4129

Details

The Hex color **3EB1C0** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **C04D3E**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **7DE9F8**, and **007C8B** is the 20% darker color. If you saturate the color by 10%, you get **2BAFC0**, and if you desaturate by 10%, it is **51B3C0**.

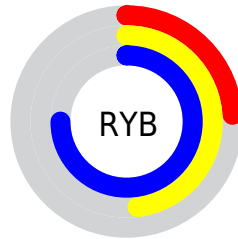
Distribution



Red (24%)

Green (69%)

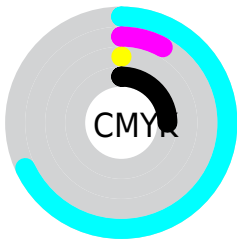
Blue (75%)



Red (24%)

Yellow (48%)

Blue (75%)

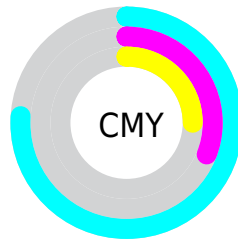


Cyan (68%)

Magenta (8%)

Yellow (0%)

Black (25%)



Cyan (76%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EB1C0 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 3EB1C0 by changing the saturation by 10% instead.



3EB1C0



3EB1C0

FFFFFF



0E96A5



7DE9F8



007C8B



9BFFFF



006371



B9FFFF



004A59



D7FFFF



003341



F5FFFF



00202B



000117



000000



3EB1C0



3EB1C0

■ 2BAFC0

■ 51B3C0

■ 18ADC0

■ 64B5C0

■ 04AAC0

■ 78B8C0

■ 00AAC0

■ 8BBAC0

■ 9EBCC0

■ B1BEC0

■ C4C1C0

■ D8C3C0

■ EBC5C0

Harmonies

Analogous

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



52B2A4



3EB1C0



53ACD4

Triad

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



3EB1C0



C991BE



B4A169

Complementary

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



3EB1C0



C04D3E

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.



CC9770



3EB1C0



D98DA1

Square

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



3EB1C0



A99AD3



DA8F85



95AA71

Rectangle

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



3EB1C0



70A7DB



DA8F85



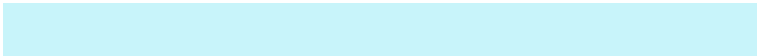
BD9E69

Sweetspot

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



3EB1C0



C8F4FA



3EC04B



5F797D



FCFCFC



7D7D7D

Same Dimension

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



3EB1C0



2FE3FA



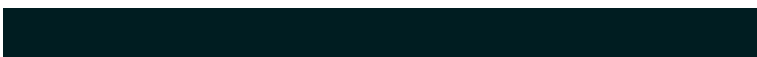
3E72C0



576061



008EA1



001D21

Inverse Universe

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



C03EB1



FA2FE3



C08C3E



615760



A1008E



21001D

Previews

White Background



This preview shows how the Hex color 3EB1C0 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 3EB1C0 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 3EB1C0 Background



This preview shows how black text looks on a background with the Hex color 3EB1C0.



This preview shows how white text looks on a background with the Hex color 3EB1C0.

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
3EB1BF

Trichromacy



Original Color
3EB1C0



Protanomaly
7BA6B9



Deuteranomaly
7CA5C3



Tritanomaly
3EB1BF

Monochromacy



Original Color
3EB1C0



Achromatopsia
909090



Achromatomaly
729CA1

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EB1C0 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 #3EB1C0 looks like.

```
.text, #text, p{  
    color:#3EB1C0  
}
```

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 #3EB1C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EB1C0
}
```

Border

The CSS property to change the border of an element to Hex 3EB1C0 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
#3EB1C0 }
```

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

```
.border{ border-color:#3EB1C0 }
```

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

Here you see how a box with a 4 pixel #3EB1C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EB1C0; -webkit-box-shadow:4px 4px  
4px 4px #3EB1C0; box-shadow:4px 4px 4px  
4px #3EB1C0 }
```

Background

The CSS property to change the background color of an element to Hex 3EB1C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EB1C0 }
```

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

```
.background{ background-color:#3EB1C0 }
```

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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