

Converting Colors

Hex(3EB3C2)

Have a look what the booklet for
Hex(3EB3C2) contains.

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Color

Hex(3EB3C2)

Conversions

Conversions Part 1

Format	Color
Hex	3EB3C2
RGB	62, 179, 194
RGB Percent	24%, 70%, 76%
CMY	0.7569, 0.2980, 0.2392
CMYK	0.68, 0.08, 0.00, 0.24
HSL	187°, 52%, 50%
HSV	187°, 68%, 76%
XYZ	27.8443, 37.1594, 56.7439
YIQ	145.7270, -74.5470, -20.1390

Conversions

Conversions Part 2

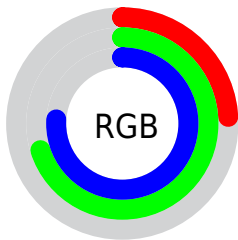
Format	Color
RYB	62, 124, 194
Decimal	4109250
CIELab	67.40, -27.39, -17.16
CIELCh	67, 32.324, 212.065
Yxy	37.1594, 0.2287, 0.3052
Android (android.graphics.Color)	4282299330 (0xFF3EB3C2)
YUV	145.7270, 23.7986, -73.4286
Hunter-Lab	60.9585, -25.1430, -12.5198

Details

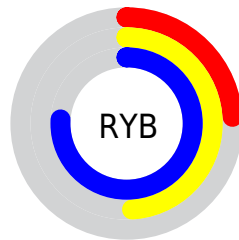
The Hex color **3EB3C2** is a dark color, and the websafe version is hex **66CCCC**. The color can be described as middle muted azure. A complement of this color would be **C24D3E**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **7EEBFA**, and **007E8C** is the 20% darker color. If you saturate the color by 10%, you get **2BB1C2**, and if you desaturate by 10%, it is **51B5C2**.

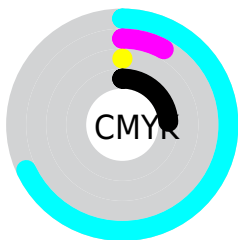
Distribution



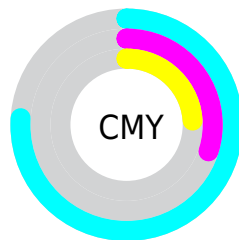
- Red (24%)
- Green (70%)
- Blue (76%)



- Red (24%)
- Yellow (49%)
- Blue (76%)



- Cyan (68%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)



- Cyan (76%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EB3C2 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 3EB3C2 by changing the saturation by 10% instead.



3EB3C2



3EB3C2

FFFFFF



0C98A7



7EEBFA



007E8C



9CFFFF



006573



BAFFFF



004C5A



D8FFFF



003543



F6FFFF



00212D



000118



000000



3EB3C2



3EB3C2

■ 2BB1C2

■ 51B5C2

■ 17AFC2

■ 65B7C2

■ 04ACC2

■ 78BAC2

■ 00ACC2

■ 8CBCC2

■ 9FBEC2

■ B2C0C2

■ C6C2C2

■ D9C5C2

■ EDC7C2

Harmonies

Analogous

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



52B4A5



3EB3C2



53AED7

Triad

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



3EB3C2



CB92C0



B6A36A

Complementary

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



3EB3C2



C24D3E

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.



CE9971



3EB3C2



DC8EA3

Square

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



3EB3C2



AB9CD5



DC9187



97AC72

Rectangle

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



3EB3C2



70A9DD



DC9187



BFA06A

Sweetspot

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



3EB3C2



CAF7FC



3EC24B



617C80



000000



808080

Same Dimension

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



3EB3C2



2DE5FC



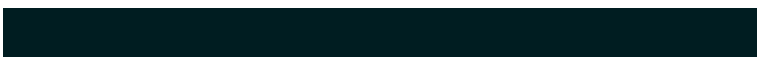
3E73C2



576061



008EA1



001D21

Inverse Universe

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



C23EB3



FC2DE5



C28D3E



615760



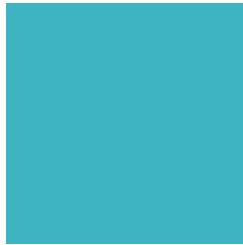
A1008E



21001D

Previews

White Background



This preview shows how the Hex color 3EB3C2 looks on a white background.

Color Contrast Check

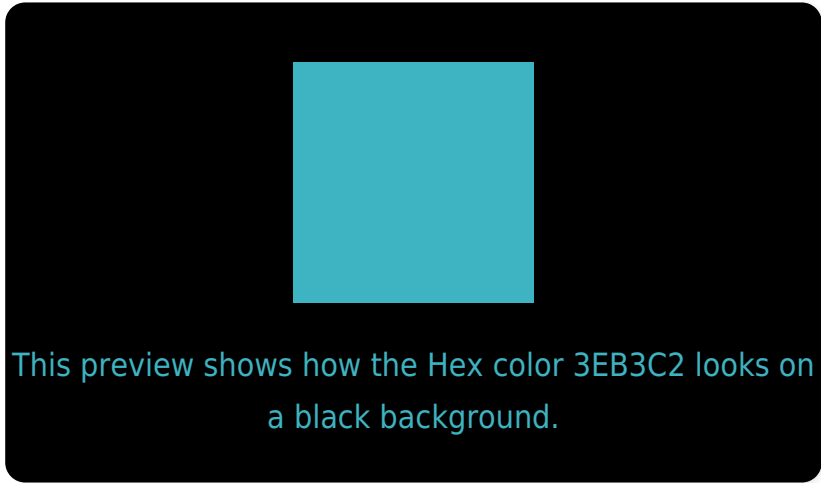
Large Text (above 18pt) WCAG AA × Fail

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

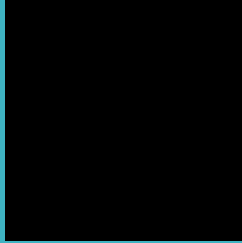
Any Text WCAG AA ✓ Pass

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 3EB3C2 Background



This preview shows how black text looks on a background with the Hex color 3EB3C2.

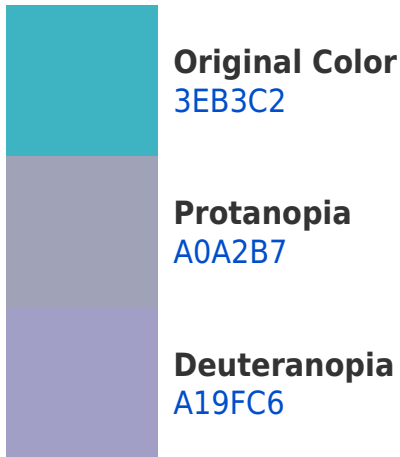


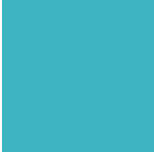
This preview shows how white text looks on a background with the Hex color 3EB3C2.

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](#).

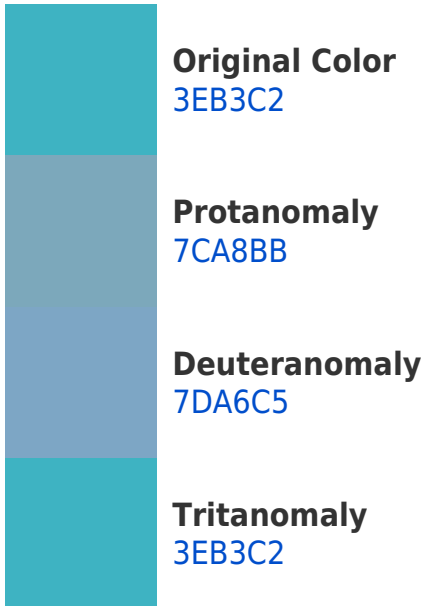
Dichromacy





Tritanopia
3EB3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3EB3C2 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 #3EB3C2 looks like.

```
.text, #text, p{  
    color:#3EB3C2  
}
```

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 #3EB3C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EB3C2
}
```

Border

The CSS property to change the border of an element to Hex 3EB3C2 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
#3EB3C2 }
```

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

```
.border{ border-color:#3EB3C2 }
```

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

Here you see how a box with a 4 pixel #3EB3C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EB3C2; -webkit-box-shadow:4px 4px  
4px 4px #3EB3C2; box-shadow:4px 4px 4px  
4px #3EB3C2 }
```

Background

The CSS property to change the background color of an element to Hex 3EB3C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EB3C2 }
```

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

```
.background{ background-color:#3EB3C2 }
```

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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