

Converting Colors

Hex(3EB9A4)

Have a look what the booklet for
Hex(3EB9A4) contains.

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Color

Hex(3EB9A4)

Conversions

Conversions Part 1

Format	Color
Hex	3EB9A4
RGB	62, 185, 164
RGB Percent	24%, 73%, 64%
CMY	0.7569, 0.2745, 0.3569
CMYK	0.66, 0.00, 0.11, 0.27
HSL	170°, 50%, 48%
HSV	170°, 66%, 73%
XYZ	26.0364, 38.4024, 41.1621
YIQ	145.8290, -66.5670, -32.6070

Conversions

Conversions Part 2

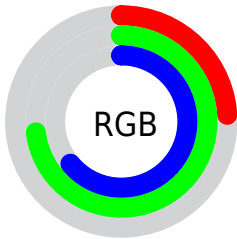
Format	Color
RYB	62, 129, 185
Decimal	4110756
CIELab	68.32, -38.71, 0.76
CIELCh	68, 38.713, 178.876
Yxy	38.4024, 0.2466, 0.3637
Android (android.graphics.Color)	4282300836 (0xFF3EB9A4)
YUV	145.8290, 8.9583, -73.5180
Hunter-Lab	61.9697, -33.4506, 3.9966

Details

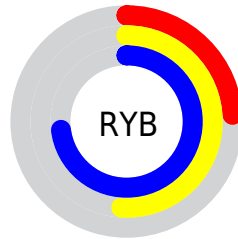
The Hex color **3EB9A4** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B93E53**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **7CF2DB**, and **008370** is the 20% darker color. If you saturate the color by 10%, you get **2CB9A1**, and if you desaturate by 10%, it is **51B9A7**.

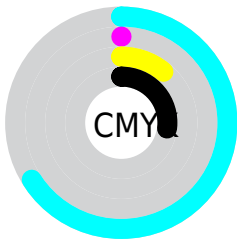
Distribution



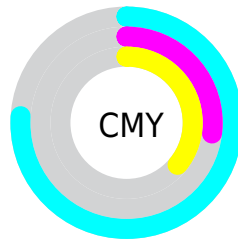
- Red (24%)
- Green (73%)
- Blue (64%)



- Red (24%)
- Yellow (51%)
- Blue (73%)



- Cyan (66%)
- Magenta (0%)
- Yellow (11%)
- Black (27%)



- Cyan (76%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EB9A4 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 3EB9A4 by changing the saturation by 10% instead.

 3EB9A4

 3EB9A4

FFFFFF

 129E8A

 7CF2DB

 008370

 9AFF7

 006958

 B7FFFF

 005041

 D5FFFF

 00382B

 F3FFFF

 002416

 000000

 3EB9A4

 3EB9A4

 2CB9A1

 51B9A7

■ 19B99E

■ 63B9AA

■ 06B99B

■ 76B9AD

■ 00B999

■ 88B9B1

■ 9BB9B4

■ ADB9B7

■ C0B9BA

■ D2B9BD

■ E5B9C0

Harmonies

Analogous

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



71B681



3EB9A4



00B8C7

Triad

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



3EB9A4



A89EE4



DA986C

Complementary

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



3EB9A4



B93E53

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.



E98E87



3EB9A4



D192CB

Square

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



3EB9A4



70AAEC



E78BA9



BEA460

Rectangle

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



3EB9A4



00B6DA



E78BA9



E19473

Sweetspot

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



3EB9A4



C0F0E8



55B93E



5B7873



F7F7F7



787878

Same Dimension

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



3EB9A4



30F0CF



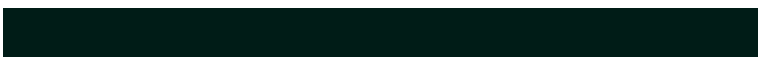
3E92B9



535C5A



009C81



001C17

Inverse Universe

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



B93E53



F03051



B9653E



5C5354



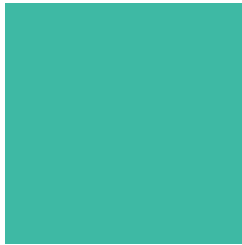
9C001B



1C0005

Previews

White Background



This preview shows how the Hex color 3EB9A4 looks on a white background.

Color Contrast Check

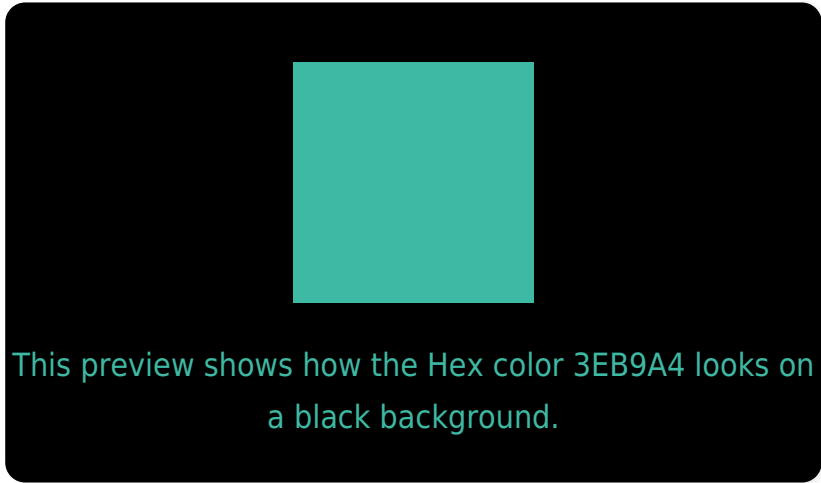
Large Text (above 18pt) WCAG AA × Fail

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

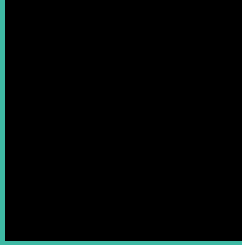
Any Text WCAG AA ✓ Pass

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 3EB9A4 Background



This preview shows how black text looks on a background with the Hex color 3EB9A4.

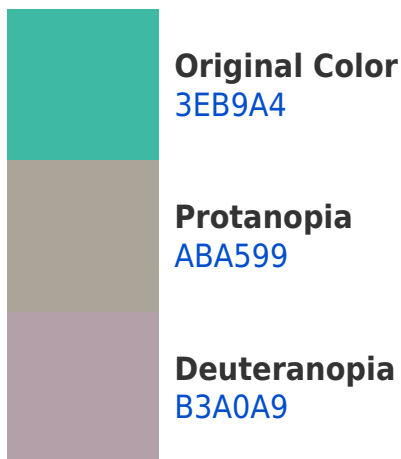


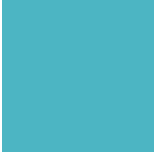
This preview shows how white text looks on a background with the Hex color 3EB9A4.

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](#).

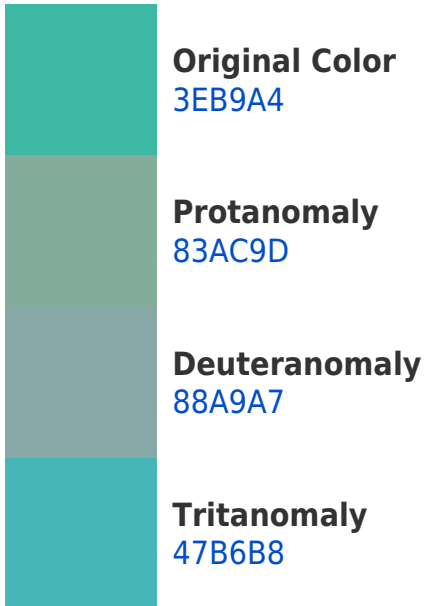
Dichromacy



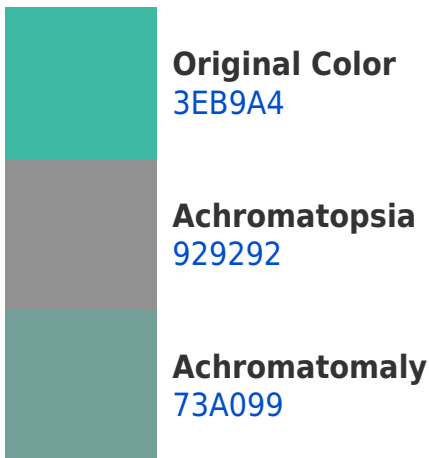


Tritanopia
4CB5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3EB9A4 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 #3EB9A4 looks like.

```
.text, #text, p{  
    color:#3EB9A4  
}
```

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 #3EB9A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EB9A4
}
```

Border

The CSS property to change the border of an element to Hex 3EB9A4 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
#3EB9A4 }
```

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

```
.border{ border-color:#3EB9A4 }
```

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

Here you see how a box with a 4 pixel #3EB9A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EB9A4; -webkit-box-shadow:4px 4px  
4px 4px #3EB9A4; box-shadow:4px 4px 4px  
4px #3EB9A4 }
```

Background

The CSS property to change the background color of an element to Hex 3EB9A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EB9A4 }
```

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

```
.background{ background-color:#3EB9A4 }
```

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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