

# Converting Colors

Hex(3EAEBE)

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

<b>Hex(3EAEBE)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(3EAEBE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3EAEBE
RGB	62, 174, 190
RGB Percent	24%, 68%, 75%
CMY	0.7569, 0.3176, 0.2549
CMYK	0.67, 0.08, 0.00, 0.25
HSL	188°, 51%, 49%
HSV	188°, 67%, 75%
XYZ	26.4169, 35.0139, 54.0812
YIQ	142.3360, -71.8880, -18.7680

# Conversions

## Conversions Part 2

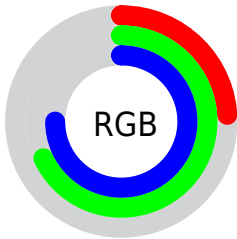
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 122, 190
Decimal	4107966
CIELab	65.76, -26.11, -17.42
CIELCh	66, 31.391, 213.716
Yxy	35.0139, 0.2287, 0.3031
Android (android.graphics.Color)	4282298046 (0xFF3EAEBE)
YUV	142.3360, 23.4984, -70.4547
Hunter-Lab	59.1726, -23.8627, -12.7678

# Details

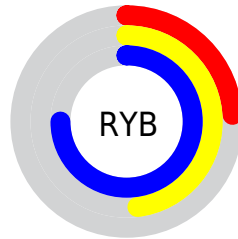
The Hex color **3EAEBE** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BE4E3E**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **7DE6F6**, and **007989** is the 20% darker color. If you saturate the color by 10%, you get **2BACBE**, and if you desaturate by 10%, it is **51B0BE**.

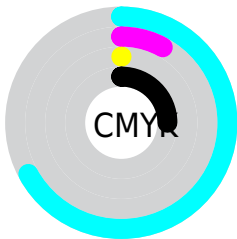
# Distribution



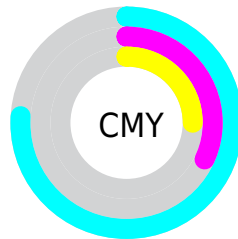
- Red (24%)
- Green (68%)
- Blue (75%)



- Red (24%)
- Yellow (48%)
- Blue (75%)



- Cyan (67%)
- Magenta (8%)
- Yellow (0%)
- Black (25%)



- Cyan (76%)
- Magenta (32%)
- Yellow (25%)

# Brightness & Saturation Gradients

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





3EAEBE



3EAEBE

FFFFFF



0F93A3



7DE6F6



007989



9BFFFF



00606F



B8FFFF



004857



D6FFFF



003140



F4FFFF



001E29



000115



000000



3EAEBE



3EAEBE

■ 2BACBE

■ 51B0BE

■ 18A9BE

■ 64B3BE

■ 05A7BE

■ 77B5BE

■ 00A6BE

■ 8AB8BE

■ 9DBABE

■ B0BCBE

■ C3BFBE

■ D6C1BE

■ E9C3BE

# Harmonies

## Analogous

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



4FAFA2



3EAEBE



54A9D1

# Triad

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



3EAEBE



C68EB9



B09F67

# Complementary

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



3EAEBE



BE4E3E

# 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.



C8966E



3EAEBE



D68A9D

# Square

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



3EAEBE



A897CF



D68D82



91A770

# Rectangle

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



3EAEBE



70A4D7



D68D82



B99C68



# Sweetspot

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



3EAEBE



C6F1F7



3EBE4D



5F797D



FCFCFC



7D7D7D



# Same Dimension

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



3EAEBE



2FDEF7



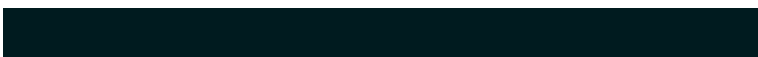
3E6FBE



555D5E



008A9E



001B1F



# Inverse Universe

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



BE3EAE



F72FDE



BE8D3E



5E555D



9E008A



1F001B



# Previews

## White Background



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

## Color Contrast Check

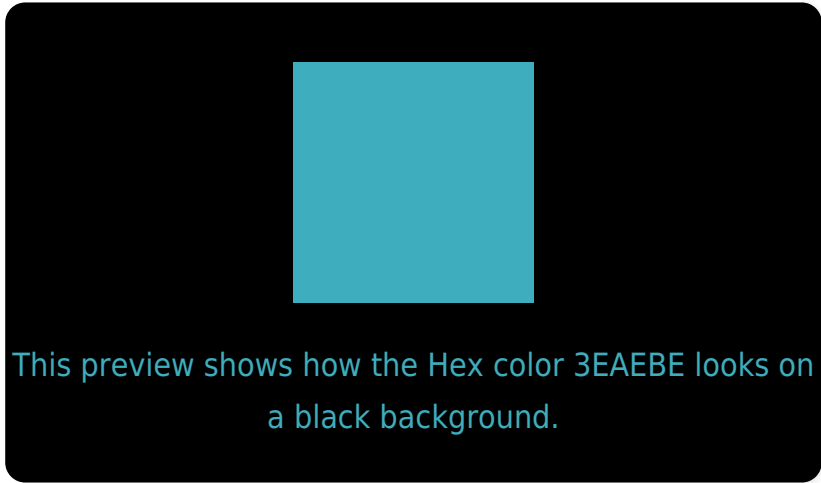
Large Text (above 18pt) WCAG AA × Fail

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

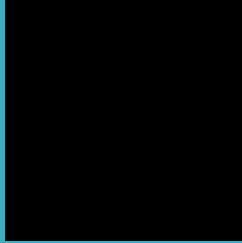
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3EAEBE Background



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



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

# Color Blindness Simulation

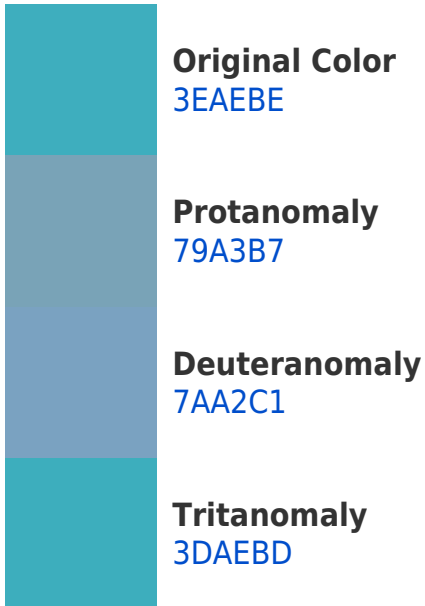
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #3EAEBE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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