

# Converting Colors

Hex(6EAEAE)

Have a look what the booklet for  
Hex(6EAEAE) contains.

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

**Color**

**Hex(6EAEAE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EAEAE
RGB	110, 174, 174
RGB Percent	43%, 68%, 68%
CMY	0.5686, 0.3176, 0.3176
CMYK	0.37, 0.00, 0.00, 0.32
HSL	180°, 28%, 56%
HSV	180°, 37%, 68%
XYZ	29.2064, 36.6431, 45.5779
YIQ	154.8640, -38.1440, -13.5680

# Conversions

## Conversions Part 2

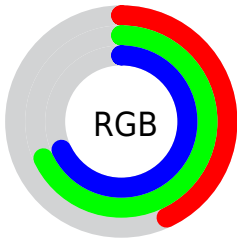
Format	Color
<a href="#">RYB</a>	<a href="#">110, 142, 174</a>
Decimal	<a href="#">7253678</a>
CIELab	<a href="#">67.01, -20.39, -6.49</a>
CIElCh	<a href="#">67, 21.400, 197.661</a>
Yxy	<a href="#">36.6431, 0.2621, 0.3289</a>
Android (android.graphics.Color)	<a href="#">4285443758 (0xFF6EAEAE)</a>
YUV	<a href="#">154.8640, 9.4340, -39.3457</a>
Hunter-Lab	<a href="#">60.5335, -19.8104, -2.2681</a>

# Details

The Hex color **6EAEAE** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AE6E6E**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **A4E6E5**, and **39797A** is the 20% darker color. If you saturate the color by 10%, you get **5DAEAE**, and if you desaturate by 10%, it is **7FAEAE**.

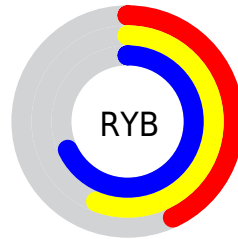
# Distribution



Red (43%)

Green (68%)

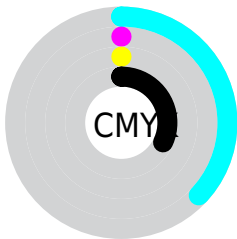
Blue (68%)



Red (43%)

Yellow (56%)

Blue (68%)

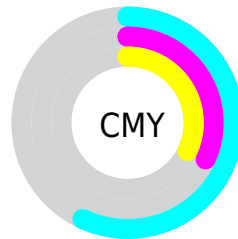


Cyan (37%)

Magenta (0%)

Yellow (0%)

Black (32%)



Cyan (57%)

Magenta (32%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EAEAE 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 6EAEAE by changing the saturation by 10% instead.



 6EAEAE

 6EAEAE

FFFFFF

 539393

 A4E6E5

 39797A

 C0FFFF

 1C6061

 DDFFFF

 004849

 FAFFFF

 003233

 001E1E

 000003

 000000

 6EAEAE

 6EAEAE

 5DAEAE

 7FAEAE

 4BAEAE

 91AEAE

 3AAEAE

 A2AEAE

 28AEAE

 B4AEAE

 17AEAE

 C5AEAE

 06AEAE

 D6AEAE

 00AEAE

 E8AEAE

 F9AEAE

 FFAEAE

# Harmonies

## Analogous

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



7BAE9A



6EAEAE



70ACBF

# Triad

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



6EAEAE



B49ABD



B99F7E

# Complementary

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



6EAEAE



AE6E6E

# 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.



C69987



6EAEAE



C596AC

# Square

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



6EAEAE



9CA1C8



CB9698



A6A57E

# Rectangle

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



6EAEAE



7BA9C6



CB9698



BE9D80



# Sweetspot

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



6EAEAE



CAE3E3



6EAE6E



647373



F2F2F2



737373



# Same Dimension

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



6EAEAE



7FE3E3



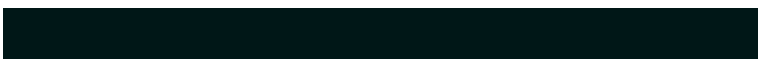
6E8EAE



4E5757



009696



001717



# Inverse Universe

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



AE6EAE



E37FE3



AE8E6E



574E57



960096

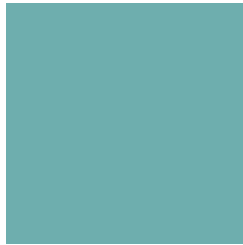


170017



# Previews

## White Background



This preview shows how the Hex color 6EAEAE looks on a white background.

## Color Contrast Check

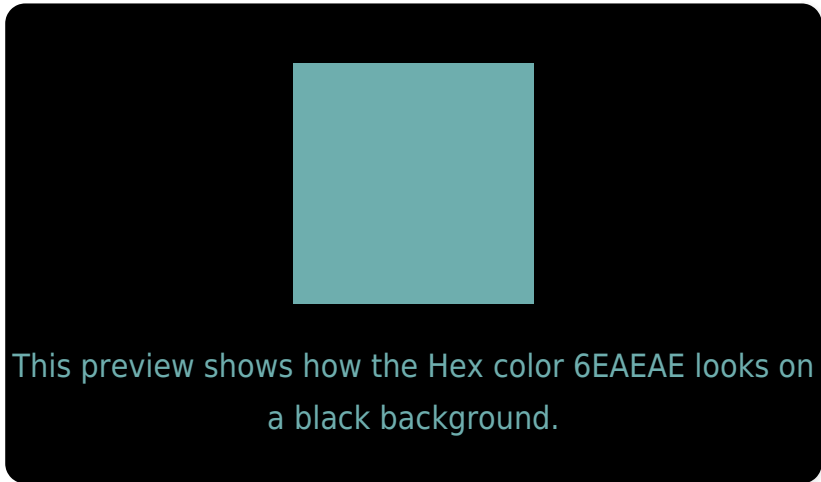
Large Text (above 18pt) WCAG AA × Fail

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 6EAEAE Background



This preview shows how black text looks on a background with the Hex color 6EAEAE.

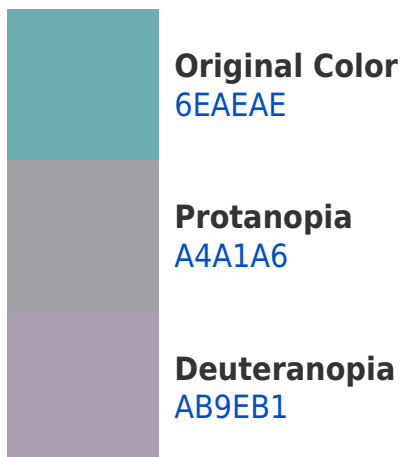


This preview shows how white text looks on a background with the Hex color 6EAEAE.

# Color Blindness Simulation

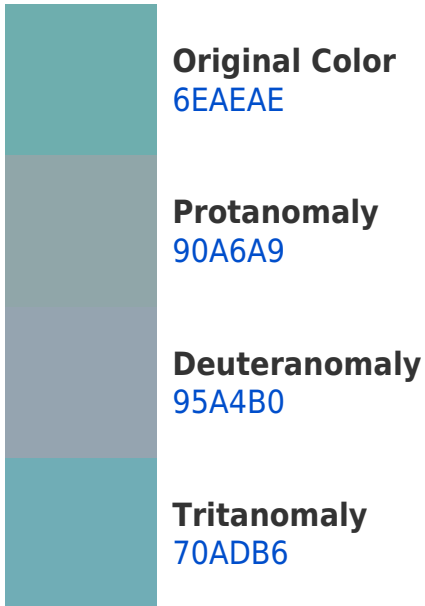
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

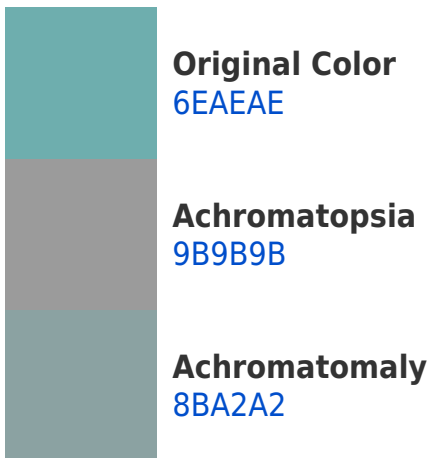




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EAEAE 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 #6EAEAE looks like.

```
.text, #text, p{  
    color:#6EAEAE  
}
```

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 #6EAEAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EAEAE
}
```

## Border

The CSS property to change the border of an element to Hex 6EAEAE 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
#6EAEAE }
```

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

```
.border{ border-color:#6EAEAE }
```

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

Here you see how a box with a 4 pixel #6EAEAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EAEAE; -webkit-box-shadow:4px 4px  
4px 4px #6EAEAE; box-shadow:4px 4px 4px  
4px #6EAEAE }
```

# Background

The CSS property to change the background color of an element to Hex 6EAEAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EAEAE }
```

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

```
.background{ background-color:#6EAEAE }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor