

# Converting Colors

Hex(6EAECA)

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

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# **Color**

**Hex(6EAECA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EAECA
RGB	110, 174, 202
RGB Percent	43%, 68%, 79%
CMY	0.5686, 0.3176, 0.2078
CMYK	0.46, 0.14, 0.00, 0.21
HSL	198°, 46%, 61%
HSV	198°, 46%, 79%
XYZ	32.2271, 37.8514, 61.4846
YIQ	158.0560, -47.1320, -4.8600

# Conversions

## Conversions Part 2

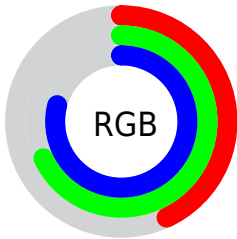
Format	Color
<a href="#">RYB</a>	<a href="#">110, 148, 202</a>
Decimal	<a href="#">7253706</a>
CIELab	<a href="#">67.91, -13.03, -20.64</a>
CIElCh	<a href="#">68, 24.405, 237.734</a>
Yxy	<a href="#">37.8514, 0.2450, 0.2877</a>
Android (android.graphics.Color)	<a href="#">4285443786 (0xFF6EAECA)</a>
YUV	<a href="#">158.0560, 21.6644, -42.1451</a>
Hunter-Lab	<a href="#">61.5235, -14.1645, -16.1861</a>

# Details

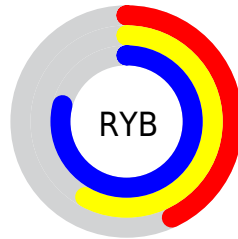
The Hex color **6EAECA** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **CA8A6E**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **A6E6FF**, and **367A94** is the 20% darker color. If you saturate the color by 10%, you get **5AA8CA**, and if you desaturate by 10%, it is **82B4CA**.

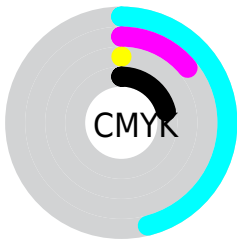
# Distribution



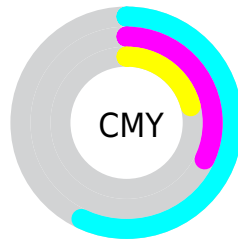
- Red (43%)
- Green (68%)
- Blue (79%)



- Red (43%)
- Yellow (58%)
- Blue (79%)



- Cyan (46%)
- Magenta (14%)
- Yellow (0%)
- Black (21%)



- Cyan (57%)
- Magenta (32%)
- Yellow (21%)

# Brightness & Saturation Gradients

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



 6EAECA

 6EAECA

FFFFFF

 5293AF

 A6E6FF

 367A94

 C2FFFF

 13617A

 DFFFFF

 004961

FDFFFF

 003249

 001E33

 00021E

 000000

 6EAECA

 6EAECA

■ 5AA8CA

■ 82B4CA

■ 46A2CA

■ 96BACA

■ 319CCA

■ ABC0CA

■ 1D95CA

■ BFC7CA

■ 098FCA

■ D3CDCA

■ 008DCA

■ E7D3CA

■ FBD9CA

■ FFDFCA

■ FFE5CA

# Harmonies

## Analogous

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



65B1B9



6EAECA



88A8D1

# Triad

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



6EAECA



CF96A8



A0AA7E

# Complementary

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



6EAECA



CA8A6E

# 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.



B7A37A



6EAECA



D29792

# Square

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



6EAECA



C099BD



C99C81



87AF8D

# Rectangle

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



6EAECA



9DA3CF



C99C81



A8A87B

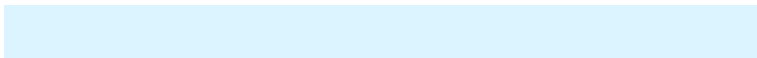


# Sweetspot

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



6EAECA



DBF4FF



6ECA8A



6A7980



000000



808080

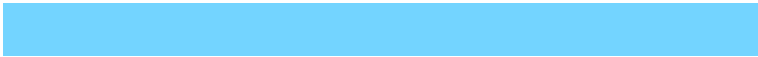


# Same Dimension

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



6EAECA



73D4FF



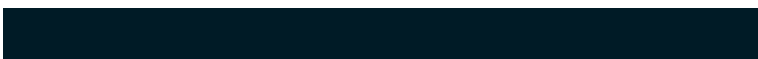
6E80CA



5C6366



0073A6



001B26



# Inverse Universe

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



CA6EAE



FF73D4



CAB86E



665C63



A60073

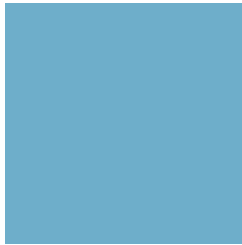


26001B



# Previews

## White Background



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

## Color Contrast Check

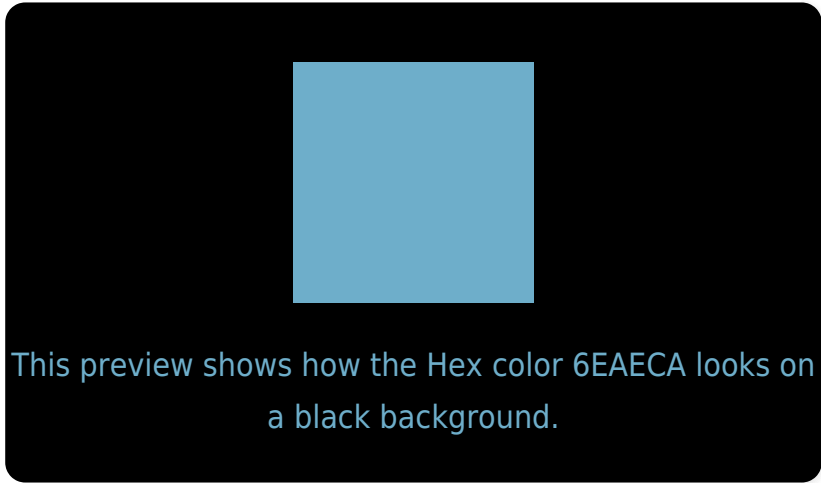
Large Text (above 18pt) WCAG AA × Fail

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 6EAECA Background



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

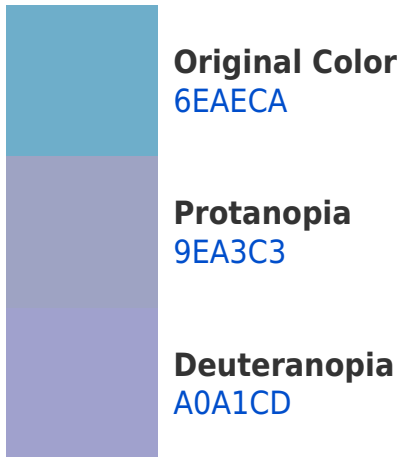


This preview shows how white text looks on a background with the Hex color 6EAECA.

# Color Blindness Simulation

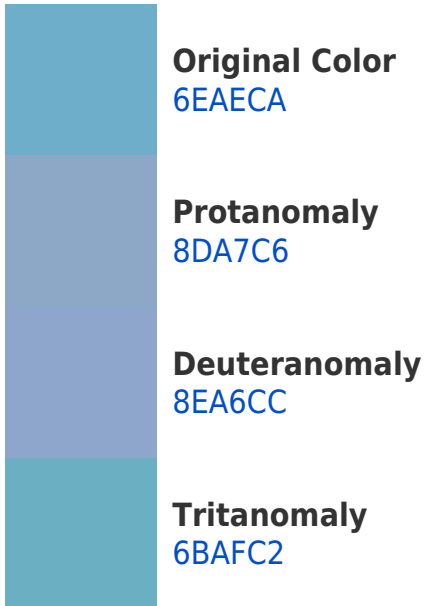
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #6EAECA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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