

# Converting Colors

Hex(8EACA0)

Have a look what the booklet for  
Hex(8EACA0) contains.

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# **Color**

**Hex(8EACA0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8EACA0
RGB	142, 172, 160
RGB Percent	56%, 67%, 63%
CMY	0.4431, 0.3255, 0.3725
CMYK	0.17, 0.00, 0.07, 0.33
HSL	156°, 15%, 62%
HSV	156°, 17%, 67%
XYZ	32.2530, 37.7939, 38.8527
YIQ	161.6620, -14.0280, -10.0920

# Conversions

## Conversions Part 2

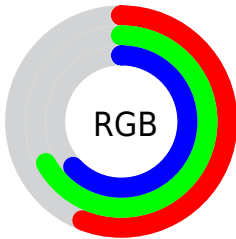
Format	Color
<a href="#">RYB</a>	<a href="#">142, 161, 172</a>
Decimal	<a href="#">9350304</a>
CIELab	<a href="#">67.87, -12.75, 2.74</a>
CIElCh	<a href="#">68, 13.044, 167.857</a>
Yxy	<a href="#">37.7939, 0.2962, 0.3471</a>
Android (android.graphics.Color)	<a href="#">4287540384</a> ( <a href="#">0xFF8EACA0</a> )
YUV	<a href="#">161.6620, -0.8194, -17.2436</a>
Hunter-Lab	<a href="#">61.4767, -13.9365, 5.5630</a>

# Details

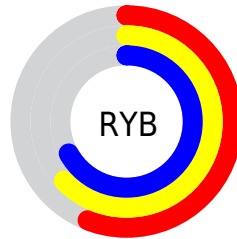
The Hex color **8EACA0** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AC8E9A**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **C4E3D7**, and **5B786D** is the 20% darker color. If you saturate the color by 10%, you get **7DAC99**, and if you desaturate by 10%, it is **9FACA7**.

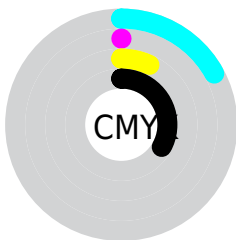
# Distribution



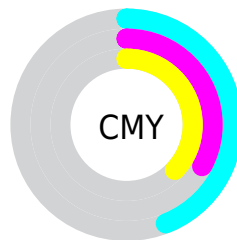
- Red (56%)
- Green (67%)
- Blue (63%)



- Red (56%)
- Yellow (63%)
- Blue (67%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (33%)



- Cyan (44%)
- Magenta (33%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8EACA0 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 8EACA0 by changing the saturation by 10% instead.





8EACA0



8EACA0

FFFFFF



749186



C4E3D7



5B786D



E0FFF3



435F54



FDFFFF



2C473D



173127



001C13



000000



8EACA0



8EACA0



7DAC99



9FACA7

 6CAC92

 B0ACAE

 5AAC8B

 C2ACB5

 49AC84

 D3ACBC

 38AC7E

 E4ACC2

 27AC77

 F5ACC9

 16AC70

 FFACD0

 04AC69

 FFACD7

 00AC67

 FFACDE

# Harmonies

## Analogous

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



9AAA95



8EACA0



88ACAC

# Triad

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



8EACA0



A2A4BC



BC9F94

# Complementary

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



8EACA0



AC8E9A

# 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.



BF9D9F



8EACA0



B0A0B5

# Square

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



8EACA0



93A8BC



BA9EAB



B4A38F

# Rectangle

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



8EACA0



88ABB3



BA9EAB



BE9F97



# Sweetspot

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



8EACA0



D5E0DC



9AAC8E



69706E



F0F0F0



707070



# Same Dimension

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



8EACA0



B1E0CE



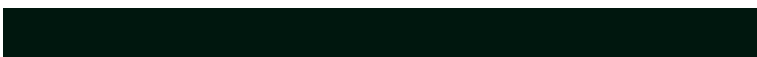
8EAAAC



4E5753



00965A



00170E



# Inverse Universe

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



AC8E9A



E0B1C4



AC918E



574E51



96003C



170009



# Previews

## White Background



This preview shows how the Hex color 8EACA0 looks on a white background.

## Color Contrast Check

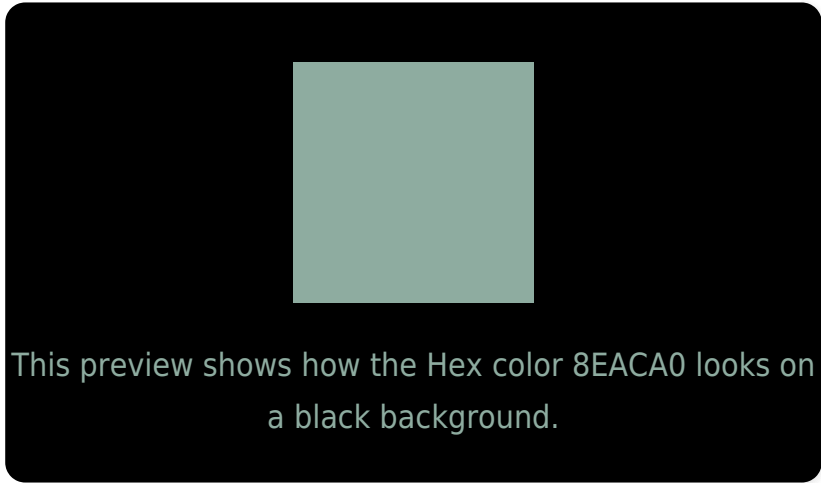
Large Text (above 18pt) WCAG AA × Fail

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

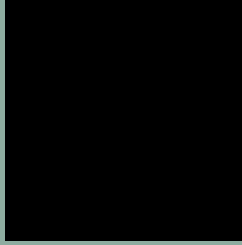
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8EACA0 Background



This preview shows how black text looks on a background with the Hex color 8EACA0.

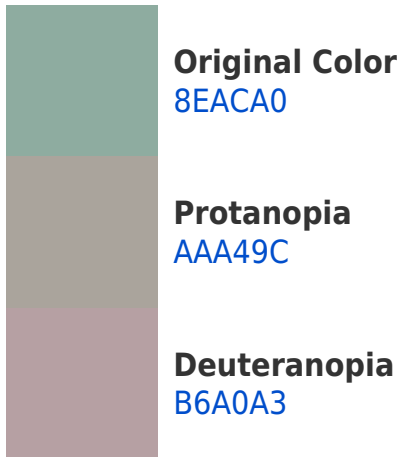


This preview shows how white text looks on a background with the Hex color 8EACA0.

# 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](#).

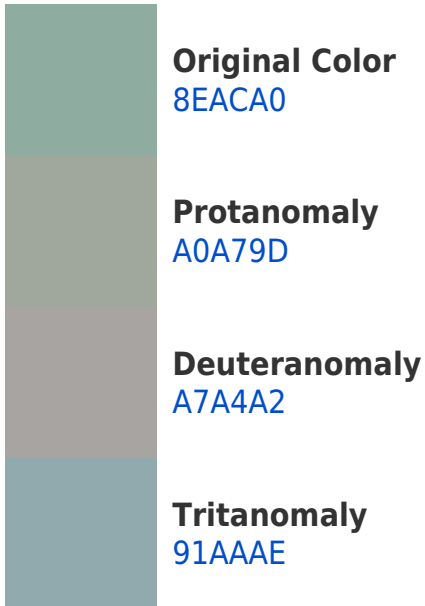
## Dichromacy



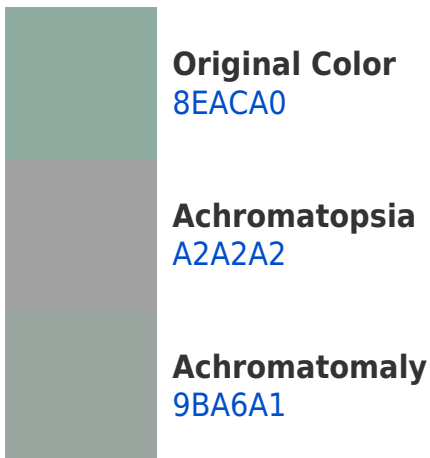


**Tritanopia**  
92A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8EACA0 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 #8EACA0 looks like.

```
.text, #text, p{  
    color:#8EACA0  
}
```

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 #8EACA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8EACA0  
}
```

## Border

The CSS property to change the border of an element to Hex 8EACA0 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  
#8EACA0 }
```

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

```
.border{ border-color:#8EACA0 }
```

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

Here you see how a box with a 4 pixel #8EACA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8EACA0; -webkit-box-shadow:4px 4px  
4px 4px #8EACA0; box-shadow:4px 4px 4px  
4px #8EACA0 }
```

# Background

The CSS property to change the background color of an element to Hex 8EACA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8EACA0 }
```

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

```
.background{ background-color:#8EACA0 }
```

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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