

# Converting Colors

Hex(6EA59C)

Have a look what the booklet for  
Hex(6EA59C) contains.

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**Color**

**Hex(6EA59C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6EA59C
RGB	110, 165, 156
RGB Percent	43%, 65%, 61%
CMY	0.5686, 0.3529, 0.3882
CMYK	0.33, 0.00, 0.05, 0.35
HSL	170°, 23%, 54%
HSV	170°, 33%, 65%
XYZ	25.8863, 32.6256, 36.3855
YIQ	147.5290, -29.8910, -14.4590

# Conversions

## Conversions Part 2

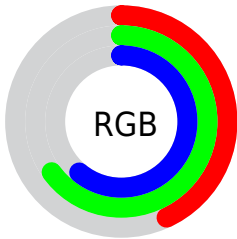
Format	Color
<a href="#">RYB</a>	<a href="#">110, 140, 165</a>
Decimal	<a href="#">7251356</a>
CIELab	<a href="#">63.86, -20.11, -1.10</a>
CIELCh	<a href="#">64, 20.139, 183.144</a>
Yxy	<a href="#">32.6256, 0.2728, 0.3438</a>
Android (android.graphics.Color)	<a href="#">4285441436</a> ( <a href="#">0xFF6EA59C</a> )
YUV	<a href="#">147.5290, 4.1762, -32.9129</a>
Hunter-Lab	<a href="#">57.1188, -19.0615, 2.2146</a>

# Details

The Hex color **6EA59C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A56E77**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **A3DCD2**, and **3B7169** is the 20% darker color. If you saturate the color by 10%, you get **5DA599**, and if you desaturate by 10%, it is **7EA59F**.

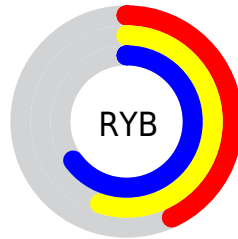
# Distribution



Red (43%)

Green (65%)

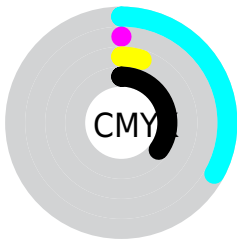
Blue (61%)



Red (43%)

Yellow (55%)

Blue (65%)

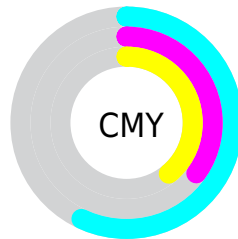


Cyan (33%)

Magenta (0%)

Yellow (5%)

Black (35%)



Cyan (57%)

Magenta (35%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6EA59C 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 6EA59C by changing the saturation by 10% instead.





6EA59C



6EA59C

FFFFFF



548B82



A3DCD2



3B7169



BFF9EF



215851



DBFFFF



02413A



F8FFFF



002A24



00160F



000000



6EA59C



6EA59C



5DA599



7EA59F

■ 4DA597

■ 8FA5A1

■ 3DA594

■ 9FA5A4

■ 2CA591

■ B0A5A7

■ 1CA58F

■ C1A5AA

■ 0BA58C

■ D1A5AC

■ 00A58A

■ E2A5AF

■ F2A5B2

■ FFA5B4

# Harmonies

## Analogous

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



7EA38A



6EA59C



68A4AE

# Triad

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



6EA59C



A095B9



B6947B

# Complementary

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



6EA59C



A56E77

# 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.



BF8F88



6EA59C



B490AB

# Square

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



6EA59C



889CBE



BE8E99



A69A77

# Rectangle

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



6EA59C



6DA2B7



BE8E99



BA927F



# Sweetspot

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



6EA59C



C1D6D3



77A56E



5E6B69



EBEBEB



6B6B6B



# Same Dimension

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



6EA59C



81D6C8



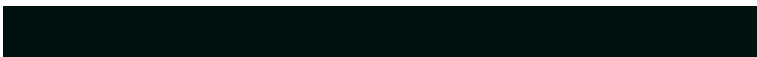
6E93A5



495250



00917A



00120F



# Inverse Universe

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



A56E77



D6818F



A5806E



52494B



910018

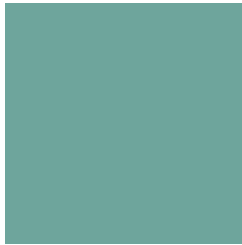


120003



# Previews

## White Background



This preview shows how the Hex color 6EA59C looks on a white background.

## Color Contrast Check

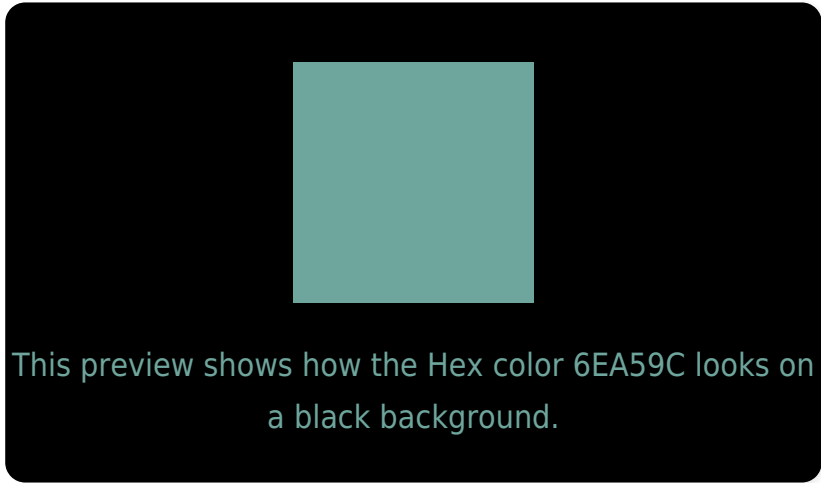
Large Text (above 18pt) WCAG AA × Fail

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

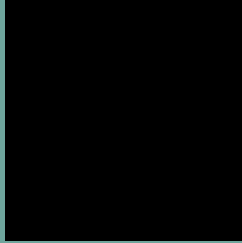
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 6EA59C Background



This preview shows how black text looks on a background with the Hex color 6EA59C.

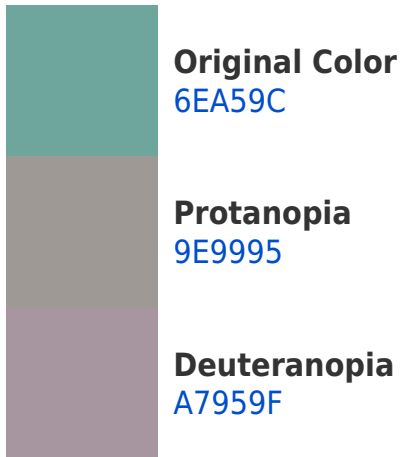


This preview shows how white text looks on a background with the Hex color 6EA59C.

# 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**  
73A2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6EA59C 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 #6EA59C looks like.

```
.text, #text, p{  
    color:#6EA59C  
}
```

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 #6EA59C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EA59C
}
```

## Border

The CSS property to change the border of an element to Hex 6EA59C 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
#6EA59C }
```

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

```
.border{ border-color:#6EA59C }
```

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

Here you see how a box with a 4 pixel #6EA59C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EA59C; -webkit-box-shadow:4px 4px  
4px 4px #6EA59C; box-shadow:4px 4px 4px  
4px #6EA59C }
```

# Background

The CSS property to change the background color of an element to Hex 6EA59C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EA59C }
```

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

```
.background{ background-color:#6EA59C }
```

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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