

# Converting Colors

Hex(669589)

Have a look what the booklet for  
Hex(669589) contains.

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# Color

Hex(669589)

# Conversions

## Conversions Part 1

Format	Color
Hex	669589
RGB	102, 149, 137
RGB Percent	40%, 58%, 54%
CMY	0.6000, 0.4157, 0.4627
CMYK	0.32, 0.00, 0.08, 0.42
HSL	165°, 19%, 49%
HSV	165°, 32%, 58%
XYZ	20.7423, 26.1258, 27.6165
YIQ	133.5790, -24.1600, -13.6960

# Conversions

## Conversions Part 2

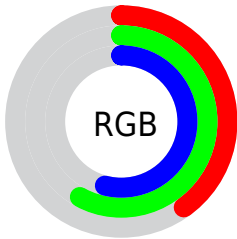
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 129, 149
Decimal	6722953
CIE <sub>Lab</sub>	58.16, -18.61, 1.26
CIE <sub>LCh</sub>	58, 18.652, 176.139
Yxy	26.1258, 0.2785, 0.3508
Android (android.graphics.Color)	4284913033 (0xFF669589)
YUV	133.5790, 1.6866, -27.6948
Hunter-Lab	51.1134, -17.0115, 3.7451

# Details

The Hex color **669589** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **956672**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **9ACBBE**, and **346257** is the 20% darker color. If you saturate the color by 10%, you get **579585**, and if you desaturate by 10%, it is **75958D**.

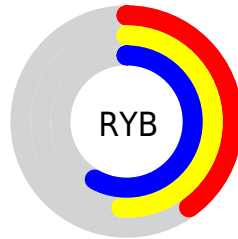
# Distribution



Red (40%)

Green (58%)

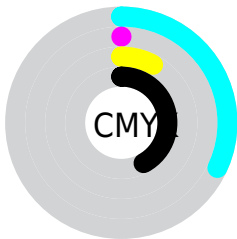
Blue (54%)



Red (40%)

Yellow (51%)

Blue (58%)

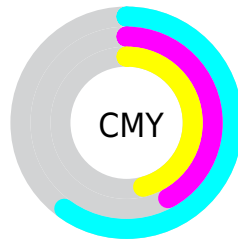


Cyan (32%)

Magenta (0%)

Yellow (8%)

Black (42%)



Cyan (60%)

Magenta (42%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 669589 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 669589 by changing the saturation by 10% instead.



■ 669589

■ 669589

FFFFFF

■ 4D7B70

■ 9ACBBE

■ 346257

■ B6E7DA

■ 1C4A40

■ D2FFF7

■ 01332A

■ EEEFFF

■ 001F16

■ 000000

■ 669589

■ 669589

■ 579585

■ 75958D

■ 489581

■ 849591

39957E

939594

2A957A

A29598

1C9576

B1959C

0D9572

BF95A0

00956F

CE95A4

DD95A7

EC95AB

# Harmonies

## Analogous

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



769379



669589



5E959A

# Triad

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



669589



8C88A9



A78571

# Complementary

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



669589



956672

# 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.



AD817E



669589



9F839E

# Square

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



669589



768EAC



AB808F



9A8A6B

# Rectangle

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



669589



6093A3



AB808F



AA8375



# Sweetspot

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



669589



B0C2BD



739566



56615E



E0E0E0



616161



# Same Dimension

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



669589



78C2AF



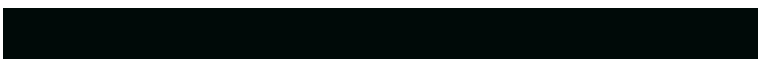
668A95



434A48



008A67



000A08



# Inverse Universe

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



956672



C2788B



957166



4A4344



8A0023



0A0003



# Previews

## White Background



This preview shows how the Hex color 669589 looks on a white background.

## Color Contrast Check

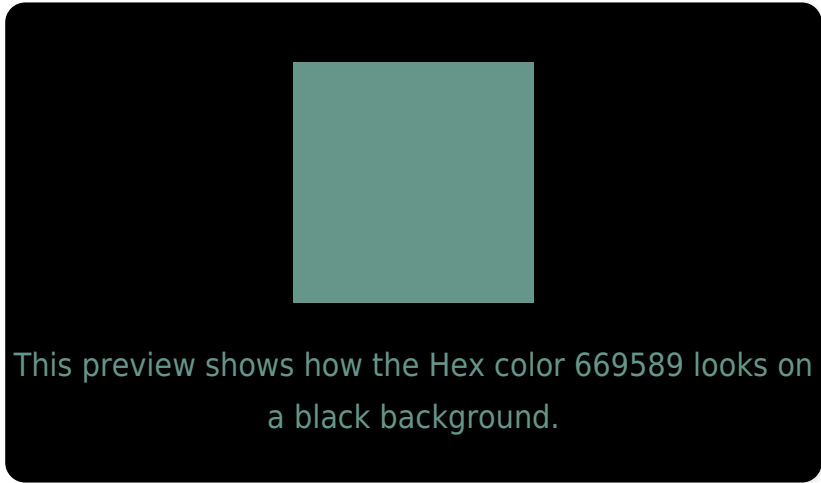
Large Text (above 18pt) WCAG AA ✓ Pass

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

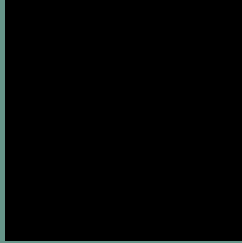
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 669589 Background



This preview shows how black text looks on a background with the Hex color 669589.

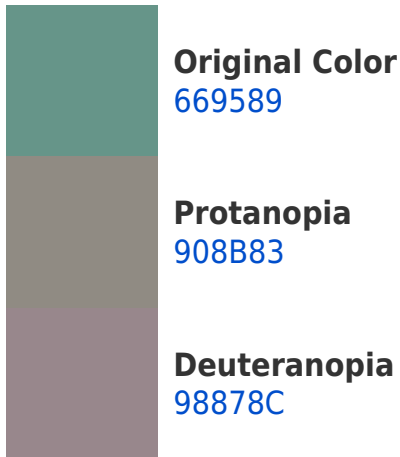


This preview shows how white text looks on a background with the Hex color 669589.

# 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](#).

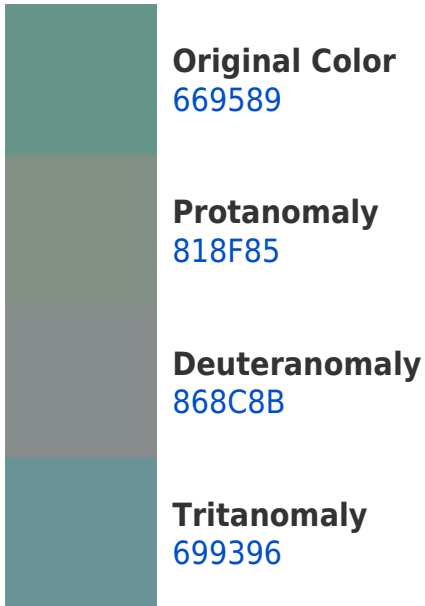
## Dichromacy



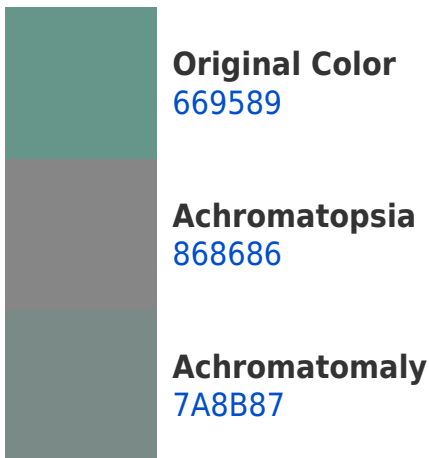


**Tritanopia**  
6B929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 669589 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 #669589 looks like.

```
.text, #text, p{  
    color:#669589  
}
```

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 #669589 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #669589
}
```

## Border

The CSS property to change the border of an element to Hex 669589 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
#669589 }
```

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

```
.border{ border-color:#669589 }
```

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

Here you see how a box with a 4 pixel #669589 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #669589; -webkit-box-shadow:4px 4px  
4px 4px #669589; box-shadow:4px 4px 4px  
4px #669589 }
```

# Background

The CSS property to change the background color of an element to Hex 669589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#669589 }
```

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

```
.background{ background-color:#669589 }
```

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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