

# Converting Colors

Hex(669BA6)

Have a look what the booklet for  
Hex(669BA6) contains.

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# Color

**Hex(669BA6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	669BA6
RGB	102, 155, 166
RGB Percent	40%, 61%, 65%
CMY	0.6000, 0.3922, 0.3490
CMYK	0.39, 0.07, 0.00, 0.35
HSL	190°, 26%, 53%
HSV	190°, 39%, 65%
XYZ	24.0838, 29.0206, 40.4086
YIQ	140.4070, -35.1190, -7.8150

# Conversions

## Conversions Part 2

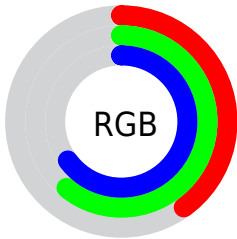
<b>Format</b>	<b>Color</b>
<b>RYB</b>	102, 131, 166
Decimal	6724518
CIELab	60.80, -14.64, -11.31
CIElCh	61, 18.499, 217.699
Yxy	29.0206, 0.2575, 0.3103
Android (android.graphics.Color)	4284914598 (0xFF669BA6)
YUV	140.4070, 12.6173, -33.6829
Hunter-Lab	53.8708, -14.4728, -6.7640

# Details

The Hex color **669BA6** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A67166**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **9CD2DD**, and **326872** is the 20% darker color. If you saturate the color by 10%, you get **5598A6**, and if you desaturate by 10%, it is **779EA6**.

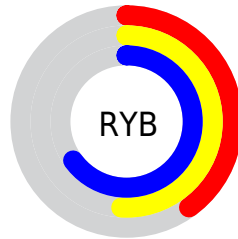
# Distribution



Red (40%)

Green (61%)

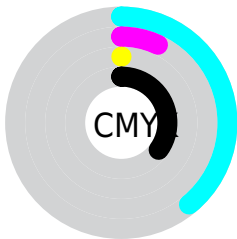
Blue (65%)



Red (40%)

Yellow (51%)

Blue (65%)

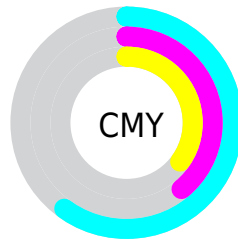


Cyan (39%)

Magenta (7%)

Yellow (0%)

Black (35%)



Cyan (60%)

Magenta (39%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 669BA6 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 669BA6 by changing the saturation by 10% instead.





669BA6



669BA6

FFFFFF



4C818C



9CD2DD



326872



B7EEFA



15505A



D4FFFF



003942



F1FFFF



00232C



000718



000000



669BA6



669BA6



5598A6



779EA6

4595A6

87A1A6

3492A6

98A4A6

2490A6

A8A6A6

138DA6

B9A9A6

028AA6

CAACA6

0089A6

DAAFA6

EBB2A6

FBB5A6

# Harmonies

## Analogous

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



699C96



669BA6



7198B0

# Triad

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



669BA6



AB899F



9B9372

# Complementary

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



669BA6



A67166

# 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.



AA8D75



669BA6



B4878F

# Square

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



669BA6



9B8DAD



B3897F



899879

# Rectangle

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



669BA6



7E94B3



B3897F



A09172



# Sweetspot

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



669BA6



BFD4D9



66A671



5E6B6E



EDEDED



6E6E6E



# Same Dimension

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



669BA6



75C8D9



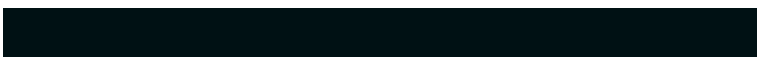
667BA6



4C5354



007A94



001114



# Inverse Universe

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



A6669B



D975C8



A69166



544C53



94007A

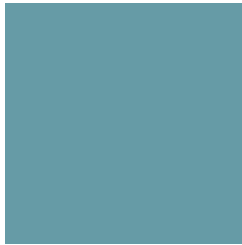


140011



# Previews

## White Background



This preview shows how the Hex color 669BA6 looks on a white background.

## Color Contrast Check

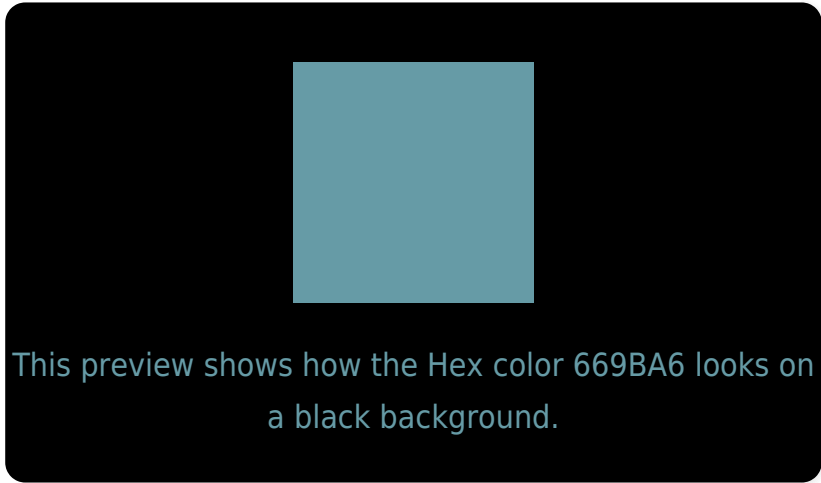
Large Text (above 18pt) WCAG AA ✓ Pass

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

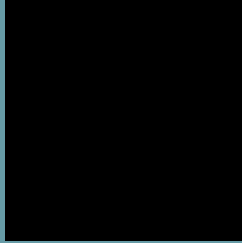
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 669BA6 Background



This preview shows how black text looks on a background with the Hex color 669BA6.



This preview shows how white text looks on a background with the Hex color 669BA6.

# 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



**Original Color**  
669BA6

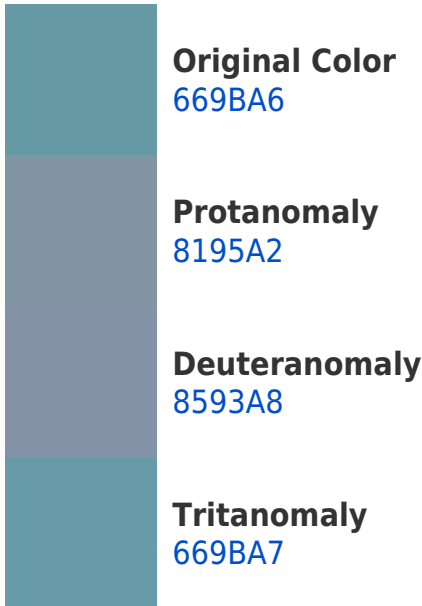
**Protanopia**  
9191A0

**Deuteranopia**  
968EA9



**Tritanopia**  
669BA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 669BA6 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 #669BA6 looks like.

```
.text, #text, p{  
    color:#669BA6  
}
```

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 #669BA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #669BA6
}
```

## Border

The CSS property to change the border of an element to Hex 669BA6 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
#669BA6 }
```

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

```
.border{ border-color:#669BA6 }
```

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

Here you see how a box with a 4 pixel #669BA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #669BA6; -webkit-box-shadow:4px 4px  
4px 4px #669BA6; box-shadow:4px 4px 4px  
4px #669BA6 }
```

# Background

The CSS property to change the background color of an element to Hex 669BA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#669BA6 }
```

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

```
.background{ background-color:#669BA6 }
```

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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