

# Converting Colors

Hex(678274)

Have a look what the booklet for  
Hex(678274) contains.

<b>Hex(678274)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(678274)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	678274
RGB	103, 130, 116
RGB Percent	40%, 51%, 45%
CMY	0.5961, 0.4902, 0.5451
CMYK	0.21, 0.00, 0.11, 0.49
HSL	149°, 12%, 46%
HSV	149°, 21%, 51%
XYZ	16.7285, 20.1098, 19.5229
YIQ	120.3310, -11.5980, -10.0780

# Conversions

## Conversions Part 2

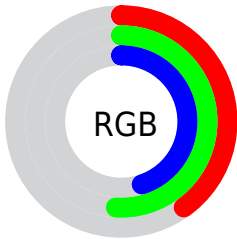
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 121, 130
Decimal	6783604
CIELab	51.96, -12.73, 4.40
CIElCh	52, 13.468, 160.948
Yxy	20.1098, 0.2968, 0.3568
Android (android.graphics.Color)	4284973684 (0xFF678274)
YUV	120.3310, -2.1352, -15.1993
Hunter-Lab	44.8439, -11.8894, 5.5787

# Details

The Hex color **678274** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **826775**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **9AB7A8**, and **375144** is the 20% darker color. If you saturate the color by 10%, you get **5A826D**, and if you desaturate by 10%, it is **74827B**.

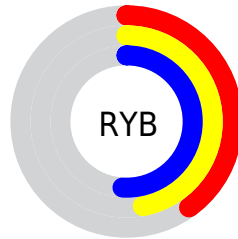
# Distribution



Red (40%)

Green (51%)

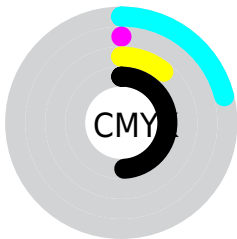
Blue (45%)



Red (40%)

Yellow (47%)

Blue (51%)

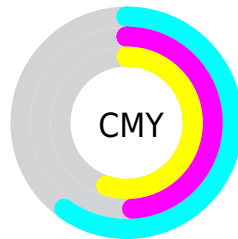


Cyan (21%)

Magenta (0%)

Yellow (11%)

Black (49%)



Cyan (60%)

Magenta (49%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 678274 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 678274 by changing the saturation by 10% instead.





678274



678274

FFFFFF



4F695B



9AB7A8



375144



B5D3C3



213A2E



D1EFDf



0C2419



EDFFFC



000D00



000000



678274



678274



5A826D



74827B



4D8267



818281

■ 408260

■ 8E8288

■ 338259

■ 9B828F

■ 268252

■ A88296

■ 19824C

■ B5829C

■ 0C8245

■ C282A3

■ 00823F

■ CF82AA

■ DC82B1

# Harmonies

## Analogous

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



73806A



678274



5F8380

# Triad

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



678274



747B92



93756D

# Complementary

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



678274



826775

# 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.



947478



678274



83788D

# Square

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



678274



667F91



8F7584



8C7966

# Rectangle

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



678274



5D8287



8F7584



947571



# Sweetspot

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



678274



9EA8A3



758267



4E5451



D4D4D4



545454



# Same Dimension

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



678274



7EA892



678281



39403C



00803D



000000



# Inverse Universe

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



826775



A87E94



826768



40393D



800042



000000



# Previews

## White Background



This preview shows how the Hex color 678274 looks on a white background.

## Color Contrast Check

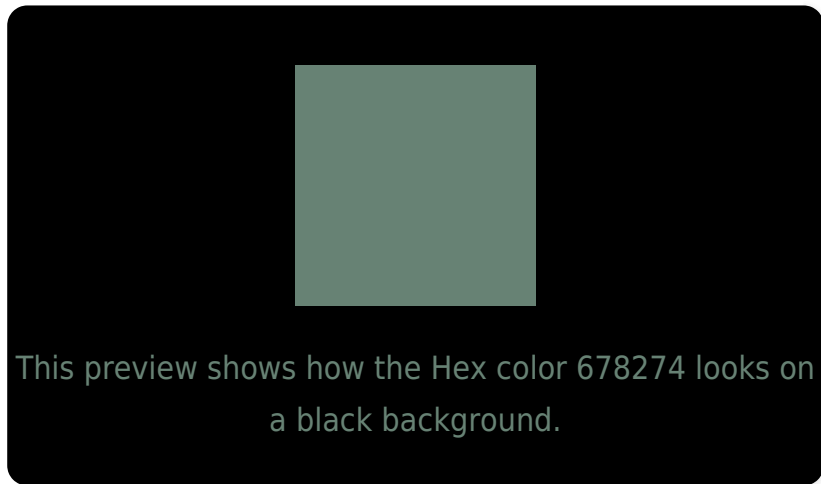
Large Text (above 18pt) WCAG AA ✓ Pass

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

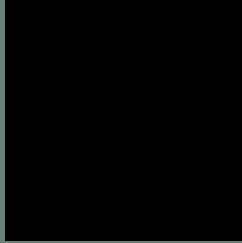
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 678274 Background



This preview shows how black text looks on a background with the Hex color 678274.

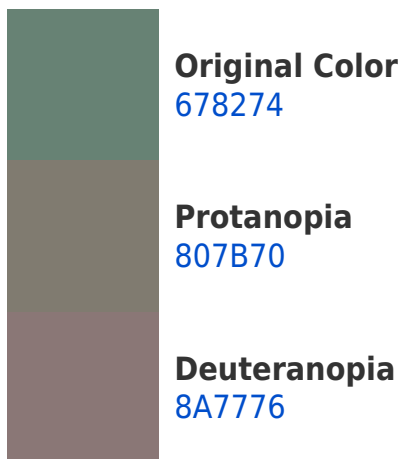


This preview shows how white text looks on a background with the Hex color 678274.

# 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**  
6B7F89

# Trichromacy



**Original Color**  
678274

**Protanomaly**  
777E71

**Deuteranomaly**  
7D7B75

**Tritanomaly**  
6A8081

# Monochromacy



**Original Color**  
678274

**Achromatopsia**  
787878

**Achromatomaly**  
727C77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 678274 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 #678274 looks like.

```
.text, #text, p{  
    color:#678274  
}
```

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 #678274 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #678274
}
```

## Border

The CSS property to change the border of an element to Hex 678274 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
#678274 }
```

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

```
.border{ border-color:#678274 }
```

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

Here you see how a box with a 4 pixel #678274 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #678274; -webkit-box-shadow:4px 4px  
4px 4px #678274; box-shadow:4px 4px 4px  
4px #678274 }
```

# Background

The CSS property to change the background color of an element to Hex 678274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#678274 }
```

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

```
.background{ background-color:#678274 }
```

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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