

Converting Colors

Hex(678496)

Have a look what the booklet for
Hex(678496) contains.

Hex(678496)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(678496)

Conversions

Conversions Part 1

Format	Color
Hex	678496
RGB	103, 132, 150
RGB Percent	40%, 52%, 59%
CMY	0.5961, 0.4824, 0.4118
CMYK	0.31, 0.12, 0.00, 0.41
HSL	203°, 19%, 50%
HSV	203°, 31%, 59%
XYZ	19.3498, 21.5881, 32.0012
YIQ	125.3810, -23.0620, -0.5500

Conversions

Conversions Part 2

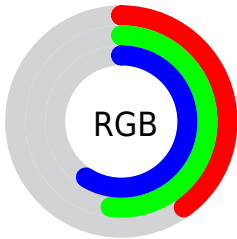
Format	Color
RYB	103, 121, 150
Decimal	6784150
CIELab	53.59, -5.81, -13.00
CIELCh	54, 14.235, 245.919
Yxy	21.5881, 0.2653, 0.2960
Android (android.graphics.Color)	4284974230 (0xFF678496)
YUV	125.3810, 12.1372, -19.6281
Hunter-Lab	46.4630, -6.9728, -8.3117

Details

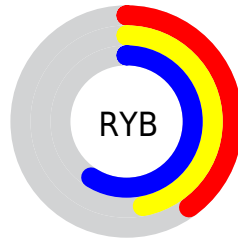
The Hex color **678496** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **967967**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **9BB9CC**, and **365363** is the 20% darker color. If you saturate the color by 10%, you get **587E96**, and if you desaturate by 10%, it is **768A96**.

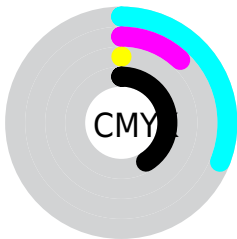
Distribution



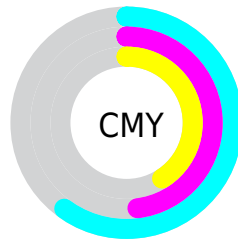
- Red (40%)
- Green (52%)
- Blue (59%)



- Red (40%)
- Yellow (47%)
- Blue (59%)



- Cyan (31%)
- Magenta (12%)
- Yellow (0%)
- Black (41%)



- Cyan (60%)
- Magenta (48%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 678496 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 678496 by changing the saturation by 10% instead.

■ 678496

■ 678496

FFFFFF

■ 4E6B7C

■ 9BB9CC

■ 365363

■ B7D5E8

■ 1E3C4B

■ D2F1FF

■ 042635

■ EFFFFFF

■ 00111F

■ 000005

■ 000000

■ 678496

■ 678496

■ 587E96

■ 768A96

497996

858F96

3A7396

949596

2B6D96

A39B96

1C6796

B2A196

0D6296

C1A696

005D96

D0AC96

DFB296

EEB896

Harmonies

Analogous

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



60868E



678496



758098

Triad

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



678496



99777E



79846C

Complementary

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



678496



967967

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.



878068



678496



997972

Square

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



678496



92798A



927C6A



6C8676

Rectangle

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



678496



807D96



927C6A



7E836A

Sweetspot

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



678496



B0BBC2



679678



565D61



E0E0E0



616161

Same Dimension

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



678496



78A6C2



676D96



43474A



00558A



00060A

Inverse Universe

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



966784



C278A6



969067



4A4347



8A0055



0A0006

Previews

White Background



This preview shows how the Hex color 678496 looks on a white background.

Color Contrast Check

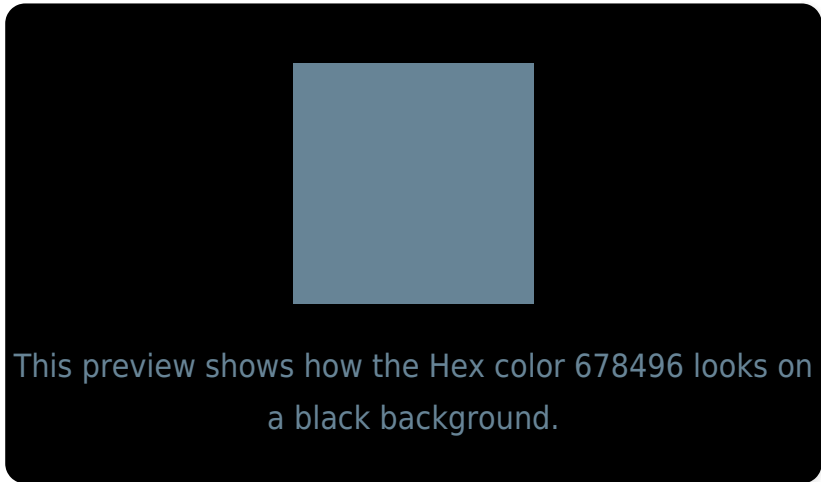
Large Text (above 18pt) WCAG AA ✓ Pass

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

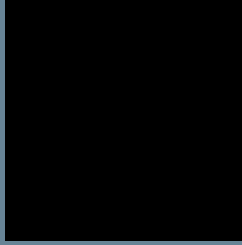
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

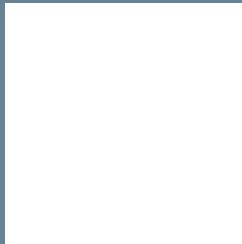
Any Text WCAG AAA × Fail

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

Hex 678496 Background



This preview shows how black text looks on a background with the Hex color 678496.

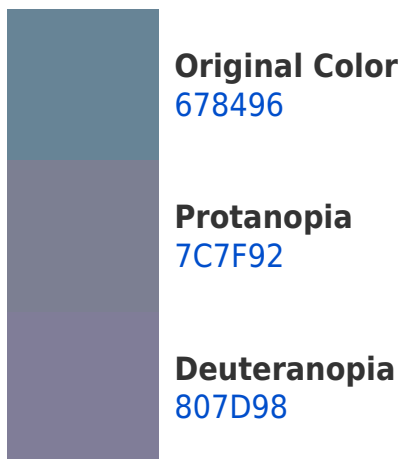


This preview shows how white text looks on a background with the Hex color 678496.

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
668590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 678496 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 #678496 looks like.

```
.text, #text, p{  
    color:#678496  
}
```

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 #678496 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #678496  
}
```

Border

The CSS property to change the border of an element to Hex 678496 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  
#678496 }
```

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

```
.border{ border-color:#678496 }
```

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

Here you see how a box with a 4 pixel #678496 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #678496; -webkit-box-shadow:4px 4px  
4px 4px #678496; box-shadow:4px 4px 4px  
4px #678496 }
```

Background

The CSS property to change the background color of an element to Hex 678496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#678496 }
```

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

```
.background{ background-color:#678496 }
```

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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