

Converting Colors

Hex(678485)

Have a look what the booklet for
Hex(678485) contains.

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Color

Hex(678485)

Conversions

Conversions Part 1

Format	Color
Hex	678485
RGB	103, 132, 133
RGB Percent	40%, 52%, 52%
CMY	0.5961, 0.4824, 0.4784
CMYK	0.23, 0.01, 0.00, 0.48
HSL	182°, 13%, 46%
HSV	182°, 23%, 52%
XYZ	18.0784, 21.0795, 25.3062
YIQ	123.4430, -17.6050, -5.8370

Conversions

Conversions Part 2

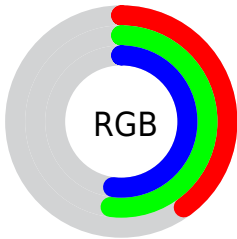
Format	Color
R_{YB}	103, 118, 133
Decimal	6784133
CIE _{Lab}	53.04, -10.02, -3.94
CIE _{LCh}	53, 10.768, 201.450
Yxy	21.0795, 0.2804, 0.3270
Android (android.graphics.Color)	4284974213 (0xFF678485)
YUV	123.4430, 4.7116, -17.9285
Hunter-Lab	45.9125, -10.0609, -0.5410

Details

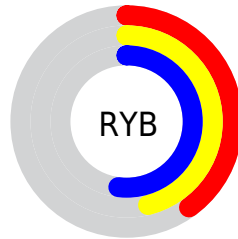
The Hex color **678485** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **856867**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **9BB9BA**, and **375354** is the 20% darker color. If you saturate the color by 10%, you get **5A8485**, and if you desaturate by 10%, it is **748485**.

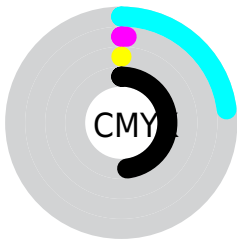
Distribution



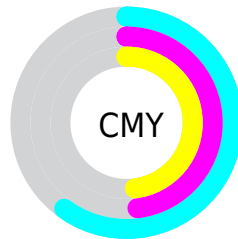
- Red (40%)
- Green (52%)
- Blue (52%)



- Red (40%)
- Yellow (46%)
- Blue (52%)



- Cyan (23%)
- Magenta (1%)
- Yellow (0%)
- Black (48%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 678485 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 678485 by changing the saturation by 10% instead.



678485



678485

FFFFFF



4E6B6C



9BB9BA



375354



B6D5D6



203B3C



D2F1F2



092627



EEFFFF



001212



000000



678485



678485



5A8485



748485



4C8385



828585

■ 3F8385

■ 8F8585

■ 328285

■ 9C8685

■ 258285

■ AA8685

■ 178185

■ B78785

■ 0A8185

■ C48785

■ 008185

■ D18885

■ DF8885

Harmonies

Analogous

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



6B847C



678485



69838D

Triad

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



678485



887A8A



897D6D

Complementary

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



678485



856867

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.



907A71



678485



907982

Square

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



678485



7D7D90



937978



7F806D

Rectangle

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



678485



6E8190



937978



8C7C6D

Sweetspot

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



678485



A1ADAD



678568



505657



D6D6D6



575757

Same Dimension

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



678485



7FACAD



677585



3C4242



007E82



000203

Inverse Universe

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



856784



AD7FAC



857767



423C42



82007E



030002

Previews

White Background



This preview shows how the Hex color 678485 looks on a white background.

Color Contrast Check

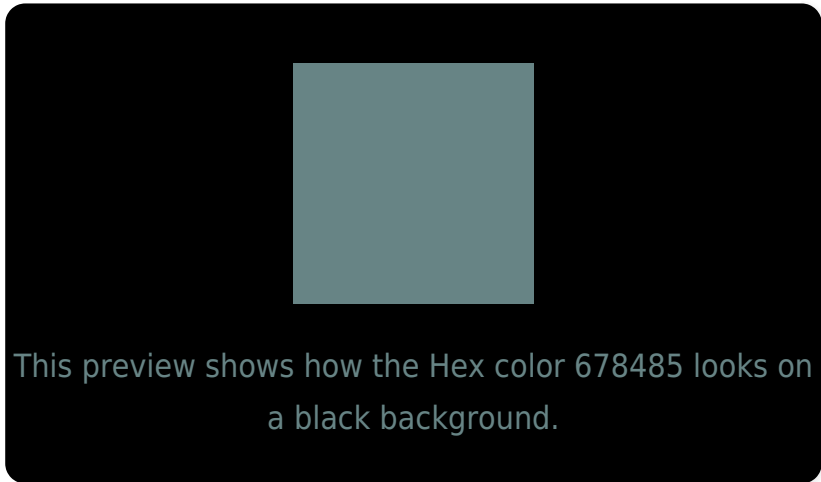
Large Text (above 18pt) WCAG AA ✓ Pass

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

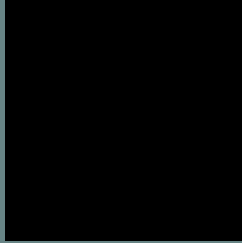
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

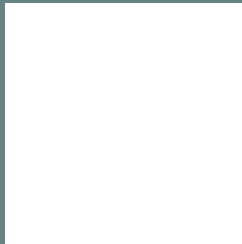
Any Text WCAG AAA × Fail

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

Hex 678485 Background



This preview shows how black text looks on a background with the Hex color 678485.

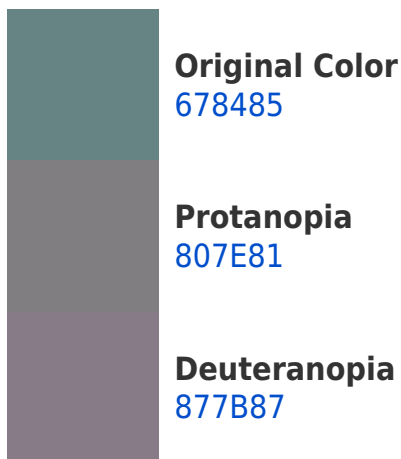



This preview shows how white text looks on a background with the Hex color 678485.

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
69838D

Trichromacy



Original Color
678485

Protanomaly
778082

Deuteranomaly
7B7E86

Tritanomaly
68838A

Monochromacy



Original Color
678485

Achromatopsia
7B7B7B

Achromatomaly
747E7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 678485 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 #678485 looks like.

```
.text, #text, p{  
    color:#678485  
}
```

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 #678485 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #678485
}
```

Border

The CSS property to change the border of an element to Hex 678485 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
#678485 }
```

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

```
.border{ border-color:#678485 }
```

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

Here you see how a box with a 4 pixel #678485 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #678485; -webkit-box-shadow:4px 4px  
4px 4px #678485; box-shadow:4px 4px 4px  
4px #678485 }
```

Background

The CSS property to change the background color of an element to Hex 678485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#678485 }
```

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

```
.background{ background-color:#678485 }
```

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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