

Converting Colors

Hex(678293)

Have a look what the booklet for
Hex(678293) contains.

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Color

Hex(678293)

Conversions

Conversions Part 1

Format	Color
Hex	678293
RGB	103, 130, 147
RGB Percent	40%, 51%, 58%
CMY	0.5961, 0.4902, 0.4235
CMYK	0.30, 0.12, 0.00, 0.42
HSL	203°, 18%, 49%
HSV	203°, 30%, 58%
XYZ	18.8426, 20.9554, 30.6554
YIQ	123.8650, -21.5490, -0.4370

Conversions

Conversions Part 2

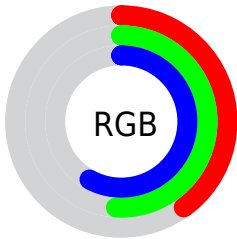
Format	Color
RYB	103, 120, 147
Decimal	6783635
CIELab	52.90, -5.44, -12.29
CIElCh	53, 13.439, 246.116
Yxy	20.9554, 0.2674, 0.2974
Android (android.graphics.Color)	4284973715 (0xFF678293)
YUV	123.8650, 11.4056, -18.2986
Hunter-Lab	45.7771, -6.6363, -7.6607

Details

The Hex color **678293** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **937867**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **9BB7C9**, and **365160** is the 20% darker color. If you saturate the color by 10%, you get **587C93**, and if you desaturate by 10%, it is **768893**.

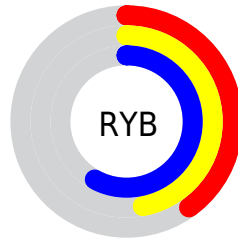
Distribution



Red (40%)

Green (51%)

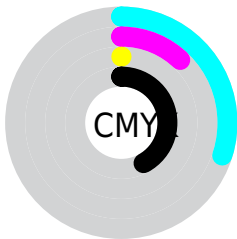
Blue (58%)



Red (40%)

Yellow (47%)

Blue (58%)

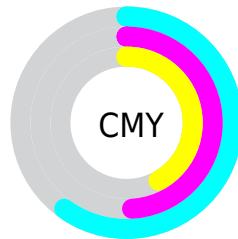


Cyan (30%)

Magenta (12%)

Yellow (0%)

Black (42%)



Cyan (60%)

Magenta (49%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 678293 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 678293 by changing the saturation by 10% instead.

678293

678293

FFFFFF

4E6979

9BB7C9

365160

B6D2E5

1E3A49

D2EFFF

052432

FFFFFF

000F1D

000000

678293

678293

587C93

768893

4A7793

848D93

■ 3B7193

■ 939393

■ 2C6B93

■ A29993

■ 1E6693

■ B19E93

■ 0F6093

■ BFA493

■ 005A93

■ CEAA93

■ DDAF93

■ EBB593

Harmonies

Analogous

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



60848B



678293



747E95

Triad

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



678293



96767C



78826B

Complementary

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



678293



937867

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.



857E67



678293



967771

Square

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



678293



8F7788



907A6A



6B8475

Rectangle

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



678293



7F7C93



907A6A



7C8169

Sweetspot

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



678293



AEB9BF



679378



565D61



E0E0E0



616161

Same Dimension

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



678293



7AA5BF



676C93



43474A



00548A



00060A

Inverse Universe

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



936782



BF7AA5



938E67



4A4347



8A0054



0A0006

Previews

White Background



This preview shows how the Hex color 678293 looks on a white background.

Color Contrast Check

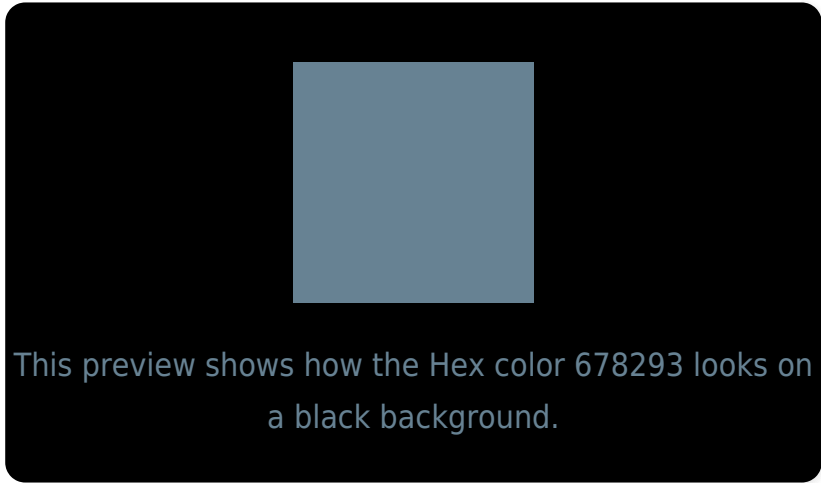
Large Text (above 18pt) WCAG AA ✓ Pass

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

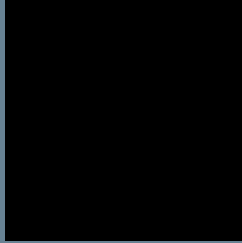
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

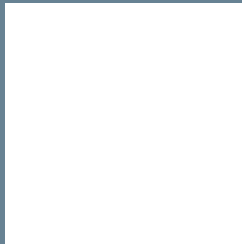
Any Text WCAG AAA × Fail

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

Hex 678293 Background



This preview shows how black text looks on a background with the Hex color 678293.

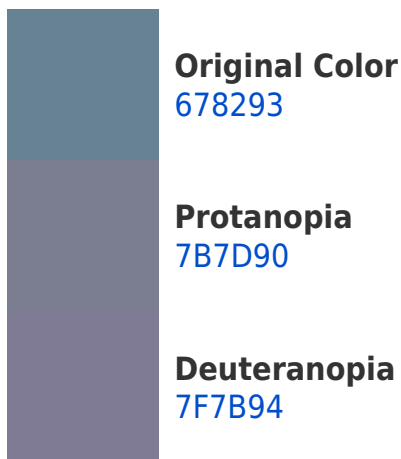



This preview shows how white text looks on a background with the Hex color 678293.

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
66838D

Trichromacy



Original Color
678293

Protanomaly
747F91

Deuteranomaly
767E94

Tritanomaly
66838F

Monochromacy



Original Color
678293

Achromatopsia
7C7C7C

Achromatomaly
747E84

CSS Examples

Text

The CSS property to change the color of the text to Hex 678293 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 #678293 looks like.

```
.text, #text, p{  
    color:#678293  
}
```

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 #678293 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #678293
}
```

Border

The CSS property to change the border of an element to Hex 678293 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
#678293 }
```

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

```
.border{ border-color:#678293 }
```

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

Here you see how a box with a 4 pixel #678293 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #678293; -webkit-box-shadow:4px 4px  
4px 4px #678293; box-shadow:4px 4px 4px  
4px #678293 }
```

Background

The CSS property to change the background color of an element to Hex 678293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#678293 }
```

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

```
.background{ background-color:#678293 }
```

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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