

Converting Colors

Hex(68478F)

Have a look what the booklet for
Hex(68478F) contains.

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Color

Hex(68478F)

Conversions

Conversions Part 1

Format	Color
Hex	68478F
RGB	104, 71, 143
RGB Percent	41%, 28%, 56%
CMY	0.5922, 0.7216, 0.4392
CMYK	0.27, 0.50, 0.00, 0.44
HSL	268°, 34%, 42%
HSV	268°, 50%, 56%
XYZ	12.9201, 9.4327, 27.1263
YIQ	89.0750, -3.4440, 29.3880

Conversions

Conversions Part 2

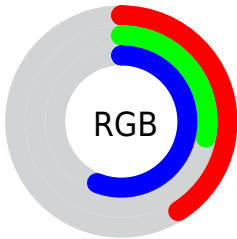
Format	Color
R_{YB}	104, 71, 143
Decimal	6834063
CIE _{Lab}	36.80, 29.48, -34.80
CIE _{LCh}	37, 45.612, 310.267
Yxy	9.4327, 0.2611, 0.1906
Android (android.graphics.Color)	4285024143 (0xFF68478F)
YUV	89.0750, 26.5850, 13.0892
Hunter-Lab	30.7127, 21.3433, -30.8677

Details

The Hex color **68478F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **6E8F47**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **9D78C5**, and **36195C** is the 20% darker color. If you saturate the color by 10%, you get **60398F**, and if you desaturate by 10%, it is **70558F**.

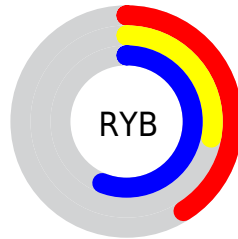
Distribution



Red (41%)

Green (28%)

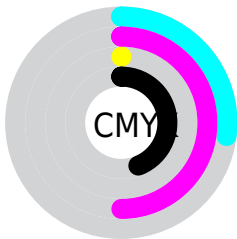
Blue (56%)



Red (41%)

Yellow (28%)

Blue (56%)

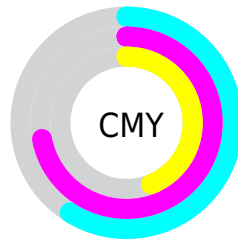


Cyan (27%)

Magenta (50%)

Yellow (0%)

Black (44%)



Cyan (59%)

Magenta (72%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68478F 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 68478F by changing the saturation by 10% instead.



68478F



68478F

FFFFFF



4F3075



9D78C5



36195C



B992E1



1D0344



D5ADFE



00002D



F2C9FF



000118



FFE5FF



000000



68478F



68478F



60398F



70558F



592A8F



77648F

 511C8F

 7F728F

 490E8F

 87808F

 42008F

 8F8F8F

 969D8F

 9EAB8F

 A6B98F

 AEC88F

Harmonies

Analogous

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



15579F



68478F



8C3770

Triad

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



68478F



7C4C09



006863

Complementary

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



68478F



6E8F47

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.



00663C



68478F



5D5900

Square

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



68478F



913C29



346119



006685

Rectangle

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



68478F



963158



346119



006756

Sweetspot

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



68478F



AB9EBA



476F8F



554D5E



DEDEDE



5E5E5E

Same Dimension

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



68478F



7E4ABA



8B478F



444047



3E0087



040008

Inverse Universe

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



8F476E



BA4A87



4B8F47



474044



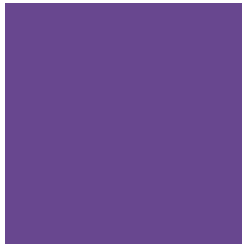
870049



080004

Previews

White Background



This preview shows how the Hex color 68478F looks on a white background.

Color Contrast Check

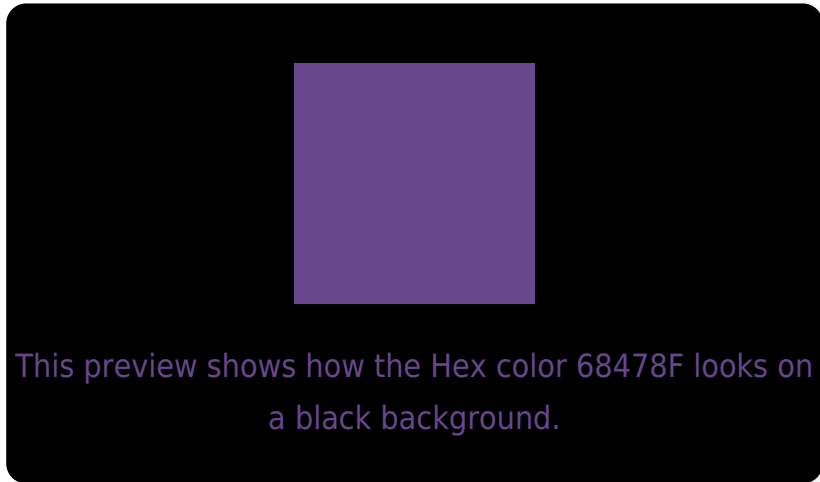
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

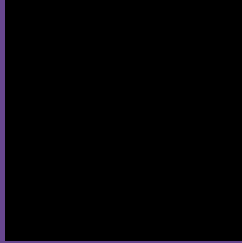
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 68478F Background



This preview shows how black text looks on a background with the Hex color 68478F.



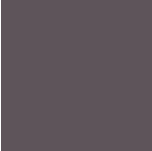
This preview shows how white text looks on a background with the Hex color 68478F.

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
5E545A

Trichromacy



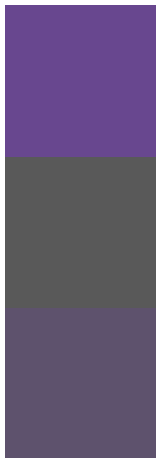
Original Color
68478F

Protanomaly
485097

Deuteranomaly
49518D

Tritanomaly
624F6D

Monochromacy



Original Color
68478F

Achromatopsia
595959

Achromatomaly
5E526D

CSS Examples

Text

The CSS property to change the color of the text to Hex 68478F 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 #68478F looks like.

```
.text, #text, p{  
    color:#68478F  
}
```

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 #68478F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68478F
}
```

Border

The CSS property to change the border of an element to Hex 68478F is called "border". The border property can be set on classes, ids or directly on the HTML element.

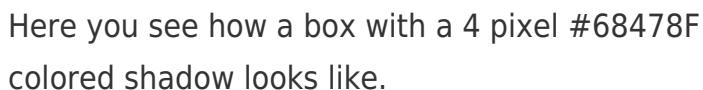
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#68478F }
```

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

```
.border{ border-color:#68478F }
```

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



Here you see how a box with a 4 pixel #68478F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68478F; -webkit-box-shadow:4px 4px  
4px 4px #68478F; box-shadow:4px 4px 4px  
4px #68478F }
```

Background

The CSS property to change the background color of an element to Hex 68478F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68478F }
```

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

```
.background{ background-color:#68478F }
```

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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