

Converting Colors

Hex(67538C)

Have a look what the booklet for
Hex(67538C) contains.

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Color

Hex(67538C)

Conversions

Conversions Part 1

Format	Color
Hex	67538C
RGB	103, 83, 140
RGB Percent	40%, 33%, 55%
CMY	0.5961, 0.6745, 0.4510
CMYK	0.26, 0.41, 0.00, 0.45
HSL	261°, 26%, 44%
HSV	261°, 41%, 55%
XYZ	13.4204, 10.9635, 26.2198
YIQ	95.4780, -6.3770, 21.9670

Conversions

Conversions Part 2

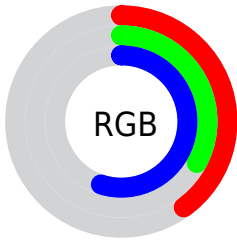
Format	Color
R _Y B	103, 83, 140
Decimal	6771596
CIE Lab	39.52, 21.06, -28.71
CIE LCh	40, 35.601, 306.261
Yxy	10.9635, 0.2652, 0.2167
Android (android.graphics.Color)	4284961676 (0xFF67538C)
YUV	95.4780, 21.9493, 6.5968
Hunter-Lab	33.1112, 14.4037, -23.7721

Details

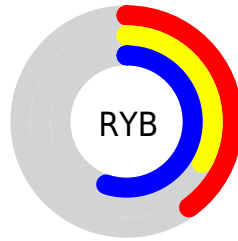
The Hex color **67538C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **788C53**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **9B85C2**, and **362659** is the 20% darker color. If you saturate the color by 10%, you get **5E458C**, and if you desaturate by 10%, it is **70618C**.

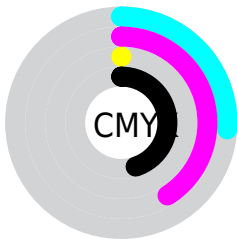
Distribution



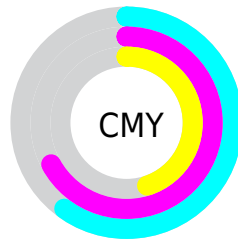
- Red (40%)
- Green (33%)
- Blue (55%)



- Red (40%)
- Yellow (33%)
- Blue (55%)



- Cyan (26%)
- Magenta (41%)
- Yellow (0%)
- Black (45%)



- Cyan (60%)
- Magenta (67%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67538C 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 67538C by changing the saturation by 10% instead.

■ 67538C

■ 67538C

FFFFFF

■ 4E3C72

■ 9B85C2

■ 362659

■ B79FDE

■ 1E1142

■ D3BAFB

■ 0B002C

■ EFD6FF

■ 000116

■ FFF2FF

■ 000000

■ 67538C

■ 67538C

■ 5E458C

■ 70618C

■ 55378C

■ 796F8C

■ 4C298C

■ 827D8C

■ 431B8C

■ 8B8B8C

■ 3A0D8C

■ 94998C

■ 31008C

■ 9EA78C

■ A7B58C

■ B0C38C

■ B9D18C

Harmonies

Analogous

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



335E97



67538C



854875

Triad

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



67538C



805327



006C62

Complementary

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



67538C



788C53

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.



1D6A45



67538C



685E20

Square

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



67538C



90493C



49652C



006B7F

Rectangle

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



67538C



904462



49652C



006B58

Sweetspot

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



67538C



A79FB5



53788C



534F5C



DBDBDB



5C5C5C

Same Dimension

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



67538C



7B5CB5



83538C



403E45



2F0085



020005

Inverse Universe

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



8C5378



B55C96



5C8C53



453E42



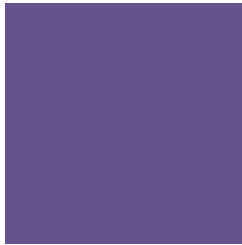
850056



050003

Previews

White Background



This preview shows how the Hex color 67538C looks on a white background.

Color Contrast Check

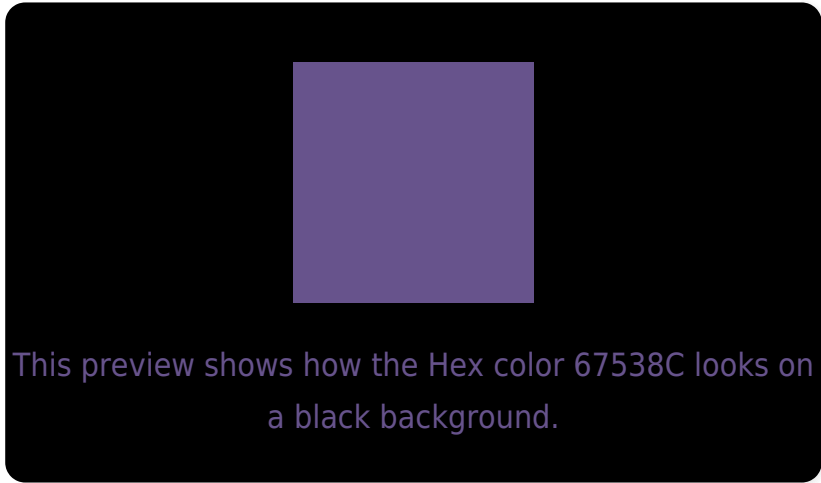
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

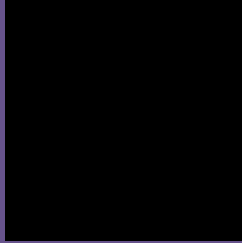
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 67538C Background



This preview shows how black text looks on a background with the Hex color 67538C.

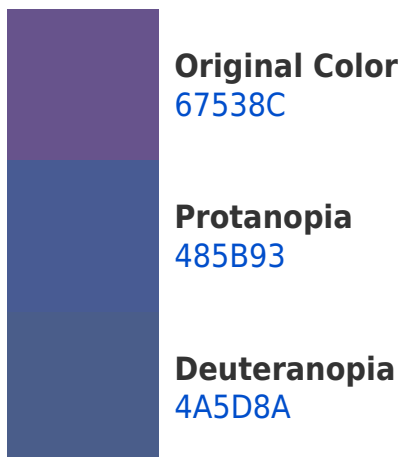


This preview shows how white text looks on a background with the Hex color 67538C.

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
5F5C63

Trichromacy



Original Color
67538C

Protanomaly
535890

Deuteranomaly
55598B

Tritanomaly
625972

Monochromacy



Original Color
67538C

Achromatopsia
5F5F5F

Achromatomaly
625B6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 67538C 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 #67538C looks like.

```
.text, #text, p{  
    color:#67538C  
}
```

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 #67538C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67538C
}
```

Border

The CSS property to change the border of an element to Hex 67538C is called "border". The border property can be set on classes, ids or directly on the HTML element.

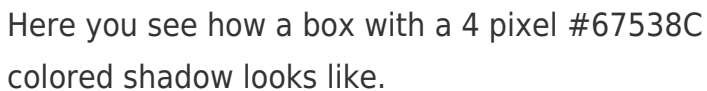
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67538C }
```

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

```
.border{ border-color:#67538C }
```

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



Here you see how a box with a 4 pixel #67538C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67538C; -webkit-box-shadow:4px 4px  
4px 4px #67538C; box-shadow:4px 4px 4px  
4px #67538C }
```

Background

The CSS property to change the background color of an element to Hex 67538C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67538C }
```

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

```
.background{ background-color:#67538C }
```

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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