

Converting Colors

Hex(6F468D)

Have a look what the booklet for
Hex(6F468D) contains.

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Color

Hex(6F468D)

Conversions

Conversions Part 1

Format	Color
Hex	6F468D
RGB	111, 70, 141
RGB Percent	44%, 27%, 55%
CMY	0.5647, 0.7255, 0.4471
CMYK	0.21, 0.50, 0.00, 0.45
HSL	275°, 34%, 41%
HSV	275°, 50%, 55%
XYZ	13.5534, 9.6829, 26.3539
YIQ	90.3530, 1.6450, 30.7730

Conversions

Conversions Part 2

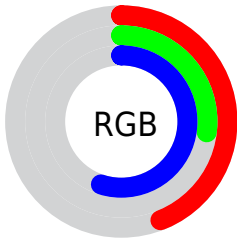
Format	Color
R_{YB}	111, 70, 141
Decimal	7292557
CIE _{Lab}	37.27, 31.62, -32.80
CIE _{LCh}	37, 45.560, 313.951
Yxy	9.6829, 0.2733, 0.1953
Android (android.graphics.Color)	4285482637 (0xFF6F468D)
YUV	90.3530, 24.9690, 18.1074
Hunter-Lab	31.1174, 23.2917, -28.4318

Details

The Hex color **6F468D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **648D46**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A478C3**, and **3D185A** is the 20% darker color. If you saturate the color by 10%, you get **69388D**, and if you desaturate by 10%, it is **75548D**.

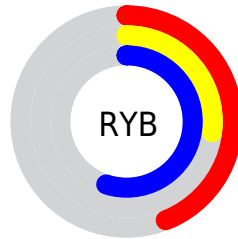
Distribution



Red (44%)

Green (27%)

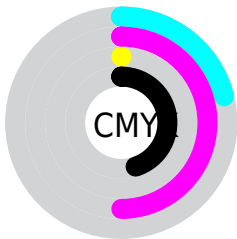
Blue (55%)



Red (44%)

Yellow (27%)

Blue (55%)

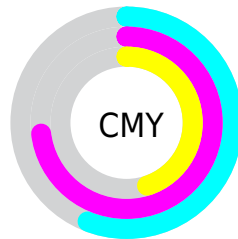


Cyan (21%)

Magenta (50%)

Yellow (0%)

Black (45%)



Cyan (56%)

Magenta (73%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F468D 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 6F468D by changing the saturation by 10% instead.

6F468D

6F468D

FFFFFF

552F73

A478C3

3D185A

C092DF

240142

DCADFC

0D002C

F9C8FF

000116

FFE4FF

000000

6F468D

6F468D

69388D

75548D

632A8D

7B628D

5D1C8D

81708D

570E8D

877E8D

51008D

8D8D8D

939B8D

99A98D

9FB78D

A5C58D

Harmonies

Analogous

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



2A569F



6F468D



90366D

Triad

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



6F468D



7A4F07



006968

Complementary

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



6F468D



648D46

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.



006842



6F468D



5A5B01

Square

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



6F468D



913F26



2F631E



00678A

Rectangle

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



6F468D



993254



2F631E



00695C

Sweetspot

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



6F468D



AC9CB8



46658D



554B5C



DBDBDB



5C5C5C

Same Dimension

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



6F468D



8949B8



8D4688



444047



4E0087



040008

Inverse Universe

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



8D4664



B84978



468D4B



474043



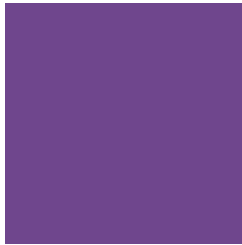
870039



080003

Previews

White Background



This preview shows how the Hex color 6F468D 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

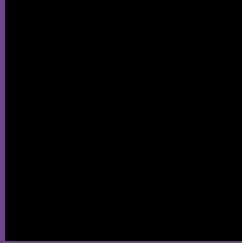
Any Text WCAG AA × Fail

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 6F468D Background



This preview shows how black text looks on a background with the Hex color 6F468D.



This preview shows how white text looks on a background with the Hex color 6F468D.

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



Original Color
6F468D

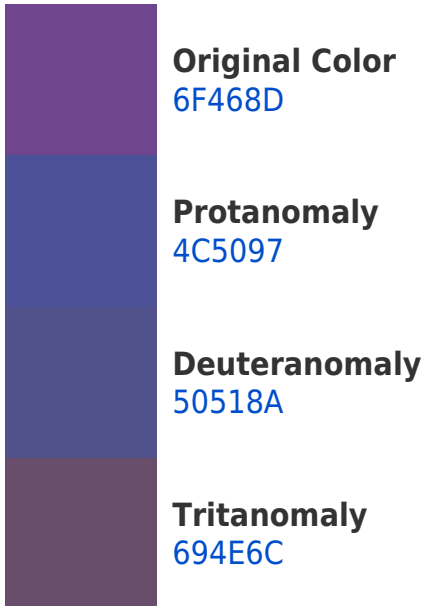
Protanopia
38569C

Deuteranopia
3E5889

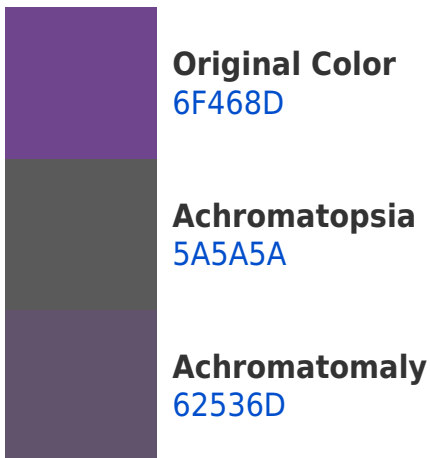


Tritanopia
665359

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6F468D 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 #6F468D looks like.

```
.text, #text, p{  
    color:#6F468D  
}
```

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 #6F468D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F468D
}
```

Border

The CSS property to change the border of an element to Hex 6F468D 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
#6F468D }
```

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

```
.border{ border-color:#6F468D }
```

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

Here you see how a box with a 4 pixel #6F468D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F468D; -webkit-box-shadow:4px 4px  
4px 4px #6F468D; box-shadow:4px 4px 4px  
4px #6F468D }
```

Background

The CSS property to change the background color of an element to Hex 6F468D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F468D }
```

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

```
.background{ background-color:#6F468D }
```

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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