

# Converting Colors

Hex(6B548D)

Have a look what the booklet for  
Hex(6B548D) contains.

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# Color

**Hex(6B548D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B548D
RGB	107, 84, 141
RGB Percent	42%, 33%, 55%
CMY	0.5804, 0.6706, 0.4471
CMYK	0.24, 0.40, 0.00, 0.45
HSL	264°, 25%, 44%
HSV	264°, 40%, 55%
XYZ	14.0414, 11.3895, 26.6576
YIQ	97.3750, -4.5890, 22.6030

# Conversions

## Conversions Part 2

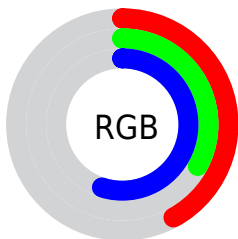
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 84, 141
Decimal	7033997
CIE Lab	40.23, 21.95, -28.17
CIE LCh	40, 35.714, 307.928
Yxy	11.3895, 0.2696, 0.2187
Android (android.graphics.Color)	4285224077 (0xFF6B548D)
YUV	97.3750, 21.5071, 8.4411
Hunter-Lab	33.7484, 15.2075, -23.2089

# Details

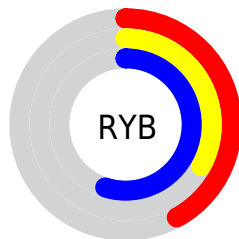
The Hex color **6B548D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **768D54**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **A086C3**, and **3A265A** is the 20% darker color. If you saturate the color by 10%, you get **63468D**, and if you desaturate by 10%, it is **73628D**.

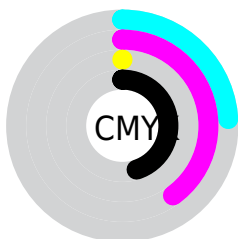
# Distribution



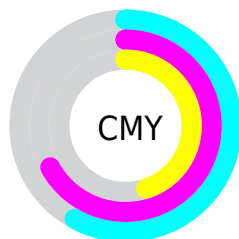
- Red (42%)
- Green (33%)
- Blue (55%)



- Red (42%)
- Yellow (33%)
- Blue (55%)



- Cyan (24%)
- Magenta (40%)
- Yellow (0%)
- Black (45%)



- Cyan (58%)
- Magenta (67%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B548D 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 6B548D by changing the saturation by 10% instead.



 6B548D

 6B548D

FFFFFF

 523D73


 A086C3

 3A265A

 BBA0DF

 221143

 D7BBFC

 11002D

 F4D7FF

 000117

 FFF4FF

 000000

 6B548D

 6B548D

 63468D

 73628D

 5A388D

 7C708D

■ 522A8D

■ 847E8D

■ 491C8D

■ 8D8C8D

■ 410E8D

■ 959B8D

■ 39008D

■ 9DA98D

■ A6B78D

■ AEC58D

■ B7D38D

# Harmonies

## Analogous

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



395F99



6B548D



894975

# Triad

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



6B548D



815528



006D66

# Complementary

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



6B548D



768D54

# 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.



1B6C48



6B548D



686022

# Square

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



6B548D



914B3C



49672F



006C82

# Rectangle

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



6B548D



934662



49672F



006D5C



# Sweetspot

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



6B548D



AAA2B8



54768D



544F5C



DBDBDB



5C5C5C



# Same Dimension

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



6B548D



825EB8



87548D



434047



370087



030008



# Inverse Universe

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



8D5476



B85E93



5A8D54



474045



870051

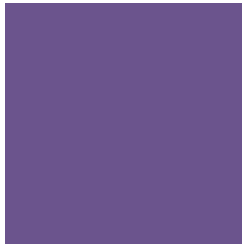


080005



# Previews

## White Background



This preview shows how the Hex color 6B548D 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

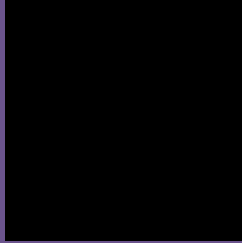
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6B548D Background



This preview shows how black text looks on a background with the Hex color 6B548D.

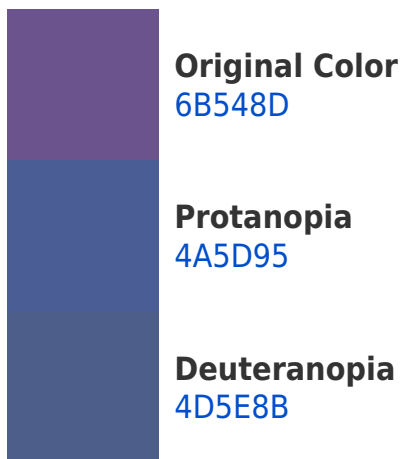



This preview shows how white text looks on a background with the Hex color 6B548D.

# 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**  
645D64

# Trichromacy



**Original Color**  
6B548D

**Protanomaly**  
565A92

**Deuteranomaly**  
585A8C

**Tritanomaly**  
675A73

# Monochromacy



**Original Color**  
6B548D

**Achromatopsia**  
616161

**Achromatomaly**  
655C71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B548D 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 #6B548D looks like.

```
.text, #text, p{  
    color:#6B548D  
}
```

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 #6B548D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B548D
}
```

## Border

The CSS property to change the border of an element to Hex 6B548D is called "border". The border property can be set on classes, ids or directly on the HTML element.

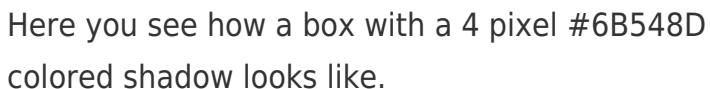
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B548D }
```

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

```
.border{ border-color:#6B548D }
```

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



Here you see how a box with a 4 pixel #6B548D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B548D; -webkit-box-shadow:4px 4px  
4px 4px #6B548D; box-shadow:4px 4px 4px  
4px #6B548D }
```

# Background

The CSS property to change the background color of an element to Hex 6B548D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B548D }
```

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

```
.background{ background-color:#6B548D }
```

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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