

# Converting Colors

Hex(67467D)

Have a look what the booklet for  
Hex(67467D) contains.

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# Color

**Hex(67467D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	67467D
RGB	103, 70, 125
RGB Percent	40%, 27%, 49%
CMY	0.5961, 0.7255, 0.5098
CMYK	0.18, 0.44, 0.00, 0.51
HSL	276°, 28%, 38%
HSV	276°, 44%, 49%
XYZ	11.4853, 8.7446, 20.4846
YIQ	86.1370, 2.0130, 24.1010

# Conversions

## Conversions Part 2

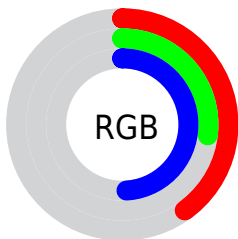
<b>Format</b>	<b>Color</b>
<b>RYB</b>	103, 70, 125
Decimal	6768253
CIELab	35.49, 25.26, -25.83
CIELCh	35, 36.130, 314.368
Yxy	8.7446, 0.2821, 0.2148
Android (android.graphics.Color)	4284958333 (0xFF67467D)
YUV	86.1370, 19.1595, 14.7889
Hunter-Lab	29.5712, 17.5792, -20.3716

# Details

The Hex color **67467D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5C7D46**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **9B77B2**, and **36194C** is the 20% darker color. If you saturate the color by 10%, you get **623A7D**, and if you desaturate by 10%, it is **6C537D**.

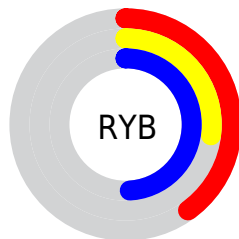
# Distribution



Red (40%)

Green (27%)

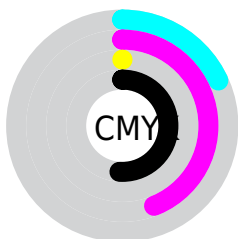
Blue (49%)



Red (40%)

Yellow (27%)

Blue (49%)

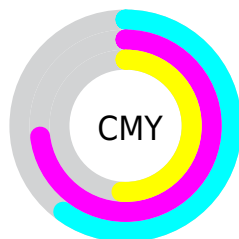


Cyan (18%)

Magenta (44%)

Yellow (0%)

Black (51%)



Cyan (60%)

Magenta (73%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67467D 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 67467D by changing the saturation by 10% instead.



67467D

67467D

FFFFFF

4E2F64

9B77B2

36194C

B691CD

200235

D2ACEA

00001F

EFC7FF

000002

FFE3FF

000000

67467D

67467D

623A7D

6C537D

5D2D7D

715F7D

■ 58217D

■ 766C7D

■ 53147D

■ 7B787D

■ 4E087D

■ 80857D

■ 4B007D

■ 85917D

■ 8A9E7D

■ 8FAA7D

■ 94B67D

# Harmonies

## Analogous

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



38528B



67467D



803C64

# Triad

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



67467D



704D1A



006261

# Complementary

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



67467D



5C7D46

# 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.



006143



67467D



565617

# Square

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



67467D



82412C



355D28



00607B

# Rectangle

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



67467D



883950



355D28



006257



# Sweetspot

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



67467D



9B8EA3



465C7D



4C4552



D1D1D1



525252



# Same Dimension

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



67467D



814DA3



7D4678



3D3940



4D0080



000000



# Inverse Universe

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



7D465C



A34D6F



467D4B



40393C



800033

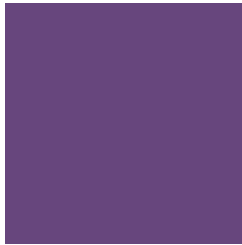


000000



# Previews

## White Background



This preview shows how the Hex color 67467D looks on a white background.

## Color Contrast Check

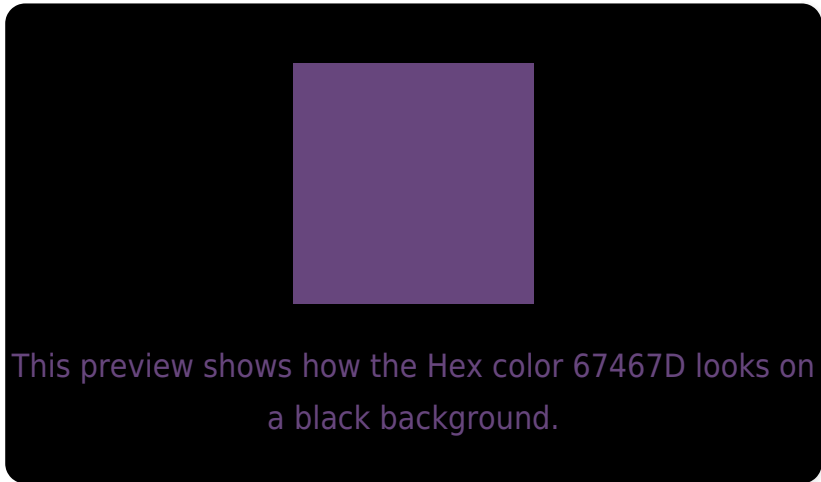
Large Text (above 18pt) WCAG AA ✓ Pass

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

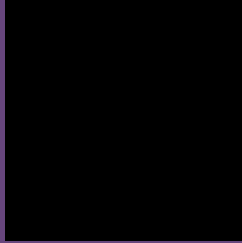
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 67467D Background



This preview shows how black text looks on a background with the Hex color 67467D.

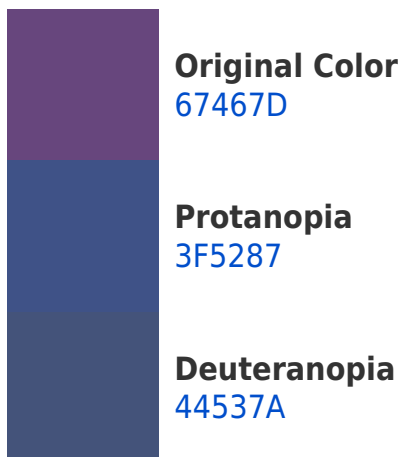


This preview shows how white text looks on a background with the Hex color 67467D.

# 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**  
614F55

# Trichromacy



**Original Color**  
67467D

**Protanomaly**  
4E4E83

**Deuteranomaly**  
514E7B

**Tritanomaly**  
634C64

# Monochromacy



**Original Color**  
67467D

**Achromatopsia**  
565656

**Achromatomaly**  
5C5064

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67467D 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 #67467D looks like.

```
.text, #text, p{  
    color:#67467D  
}
```

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 #67467D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67467D
}
```

## Border

The CSS property to change the border of an element to Hex 67467D is called "border". The border property can be set on classes, ids or directly on the HTML element.

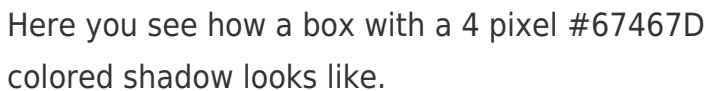
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67467D }
```

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

```
.border{ border-color:#67467D }
```

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



Here you see how a box with a 4 pixel #67467D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67467D; -webkit-box-shadow:4px 4px  
4px 4px #67467D; box-shadow:4px 4px 4px  
4px #67467D }
```

# Background

The CSS property to change the background color of an element to Hex 67467D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67467D }
```

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

```
.background{ background-color:#67467D }
```

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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