

# Converting Colors

Hex(67557A)

Have a look what the booklet for  
Hex(67557A) contains.

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# Color

**Hex(67557A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	67557A
RGB	103, 85, 122
RGB Percent	40%, 33%, 48%
CMY	0.5961, 0.6667, 0.5216
CMYK	0.16, 0.30, 0.00, 0.52
HSL	269°, 18%, 41%
HSV	269°, 30%, 48%
XYZ	12.3549, 10.7857, 19.8430
YIQ	94.6000, -1.1490, 15.3230

# Conversions

## Conversions Part 2

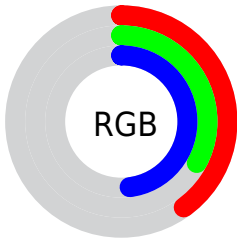
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 85, 122
Decimal	6772090
CIE <sub>Lab</sub>	39.22, 15.28, -18.19
CIE <sub>LCh</sub>	39, 23.753, 310.026
Yxy	10.7857, 0.2874, 0.2509
Android (android.graphics.Color)	4284962170 (0xFF67557A)
YUV	94.6000, 13.5082, 7.3668
Hunter-Lab	32.8416, 9.6782, -12.8341

# Details

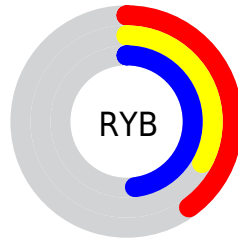
The Hex color **67557A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **687A55**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **9B87AF**, and **372849** is the 20% darker color. If you saturate the color by 10%, you get **61497A**, and if you desaturate by 10%, it is **6D617A**.

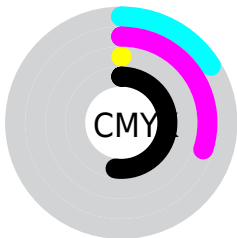
# Distribution



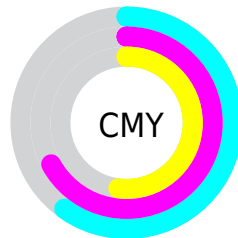
- Red (40%)
- Green (33%)
- Blue (48%)



- Red (40%)
- Yellow (33%)
- Blue (48%)



- Cyan (16%)
- Magenta (30%)
- Yellow (0%)
- Black (52%)



- Cyan (60%)
- Magenta (67%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 67557A 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 67557A by changing the saturation by 10% instead.



67557A

67557A

FFFFFF

4F3E61

9B87AF

372849

B6A1CA

211332

D1BCE6

0B001E

EED8FF

000000

FFF4FF

67557A

67557A

61497A

6D617A

5A3D7A

746D7A

■ 54307A

■ 7A7A7A

■ 4E247A

■ 80867A

■ 48187A

■ 86927A

■ 410C7A

■ 8D9E7A

■ 3B007A

■ 93AA7A

■ 99B77A

■ 9FC37A

# Harmonies

## Analogous

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



4B5C82



67557A



7A4F6A

# Triad

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



67557A



745738



1B6762

# Complementary

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



67557A



687A55

# 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.



36664F



67557A



635D36

# Square

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



67557A



7F5144



4E633E



0E6675

# Rectangle

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



67557A



804D5D



4E633E



24675C



# Sweetspot

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



67557A



97909E



55687A



4B464F



CFCFCF



4F4F4F



# Same Dimension

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



67557A



81659E



79557A



3A373D



3D007D



7B00FC



# Inverse Universe

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



7A5568



9E6582



567A55



3D373A



7D0040



FC0082



# Previews

## White Background



This preview shows how the Hex color 67557A looks on a white background.

## Color Contrast Check

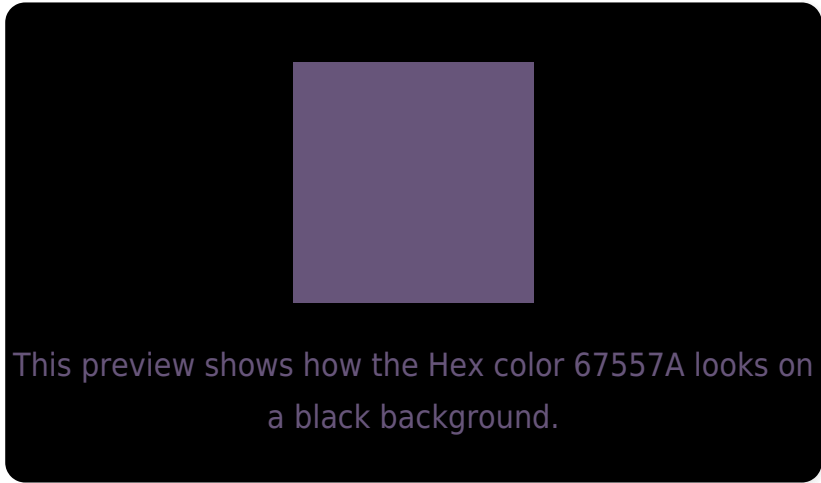
Large Text (above 18pt) WCAG AA ✓ Pass

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

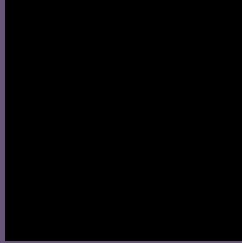
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 67557A Background



This preview shows how black text looks on a background with the Hex color 67557A.

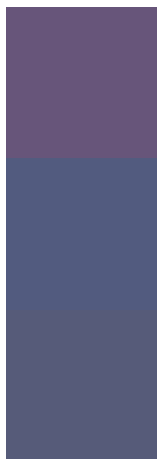


This preview shows how white text looks on a background with the Hex color 67557A.

# 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](#).

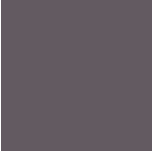
## Dichromacy



**Original Color**  
67557A

**Protanopia**  
525B7F

**Deuteranopia**  
565B79



**Tritanopia**  
635A61

# Trichromacy



**Original Color**  
67557A

**Protanomaly**  
5A597D

**Deuteranomaly**  
5C5979

**Tritanomaly**  
64586A

# Monochromacy



**Original Color**  
67557A

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
625B69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 67557A 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 #67557A looks like.

```
.text, #text, p{  
    color:#67557A  
}
```

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 #67557A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67557A
}
```

## Border

The CSS property to change the border of an element to Hex 67557A is called "border". The border property can be set on classes, ids or directly on the HTML element.

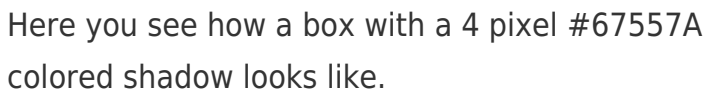
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#67557A }
```

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

```
.border{ border-color:#67557A }
```

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



Here you see how a box with a 4 pixel #67557A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67557A; -webkit-box-shadow:4px 4px  
4px 4px #67557A; box-shadow:4px 4px 4px  
4px #67557A }
```

# Background

The CSS property to change the background color of an element to Hex 67557A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67557A }
```

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

```
.background{ background-color:#67557A }
```

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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