

# Converting Colors

Hex(675F7A)

Have a look what the booklet for  
Hex(675F7A) contains.

<b>Hex(675F7A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(675F7A)

# Conversions

## Conversions Part 1

Format	Color
Hex	675F7A
RGB	103, 95, 122
RGB Percent	40%, 37%, 48%
CMY	0.5961, 0.6275, 0.5216
CMYK	0.16, 0.22, 0.00, 0.52
HSL	258°, 12%, 43%
HSV	258°, 22%, 48%
XYZ	13.1986, 12.4731, 20.1243
YIQ	100.4700, -3.8990, 10.0930

# Conversions

## Conversions Part 2

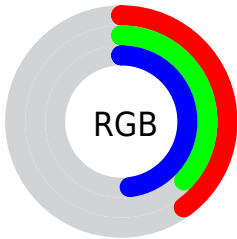
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 95, 122
Decimal	6774650
CIE <sub>Lab</sub>	41.96, 9.10, -14.00
CIE <sub>LCh</sub>	42, 16.694, 303.030
Yxy	12.4731, 0.2882, 0.2724
Android (android.graphics.Color)	4284964730 (0xFF675F7A)
YUV	100.4700, 10.6143, 2.2188
Hunter-Lab	35.3173, 4.9027, -9.0621

# Details

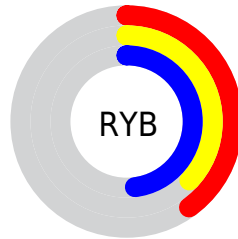
The Hex color **675F7A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **727A5F**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **9A91AE**, and **383149** is the 20% darker color. If you saturate the color by 10%, you get **5E537A**, and if you desaturate by 10%, it is **706B7A**.

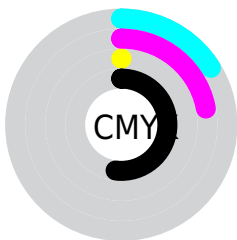
# Distribution



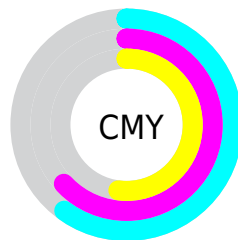
- Red (40%)
- Green (37%)
- Blue (48%)



- Red (40%)
- Yellow (37%)
- Blue (48%)



- Cyan (16%)
- Magenta (22%)
- Yellow (0%)
- Black (52%)



- Cyan (60%)
- Magenta (63%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 675F7A 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 675F7A by changing the saturation by 10% instead.



■ 675F7A

■ 675F7A

FFFFFF

■ 4F4761

■ 9A91AE

■ 383149

■ B5ACCA

■ 221C33

■ D1C7E6

■ 0E011E

■ EDE3FF

■ 000000

■ 675F7A

■ 675F7A

■ 5E537A

■ 706B7A

■ 56477A

■ 78777A

■ 4D3A7A

■ 81847A

■ 452E7A

■ 89907A

■ 3C227A

■ 929C7A

■ 33167A

■ 9BA87A

■ 2B0A7A

■ A3B47A

■ 24007A

■ ACC17A

■ B4CD7A

# Harmonies

## Analogous

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



54647E



675F7A



765B70

# Triad

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



675F7A



785E4B



406B64

# Complementary

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



675F7A



727A5F

# 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.



4D6A56



675F7A



6C6348

# Square

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



675F7A



7E5A55



5D674C



3B6A71

# Rectangle

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



675F7A



7C5967



5D674C



446B5F



# Sweetspot

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



675F7A



96939E



5F727A



4B494F



CFCFCF



4F4F4F



# Same Dimension

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



675F7A



80739E



745F7A



39373D



25007D



4B00FC



# Inverse Universe

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



7A5F72



9E7391



657A5F



3D373B



7D0058



FC00B2



# Previews

## White Background



This preview shows how the Hex color 675F7A looks on a white background.

## Color Contrast Check

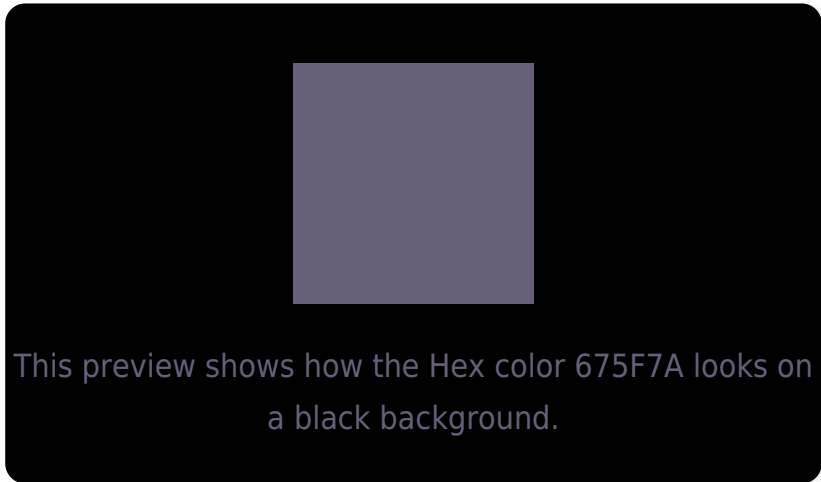
Large Text (above 18pt) WCAG AA ✓ Pass

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

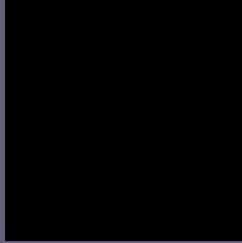
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 675F7A Background



This preview shows how black text looks on a background with the Hex color 675F7A.



This preview shows how white text looks on a background with the Hex color 675F7A.

# 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**  
675F7A

**Protanopia**  
5D627C

**Deuteranopia**  
61617A



**Tritanopia**  
64626A

# Trichromacy



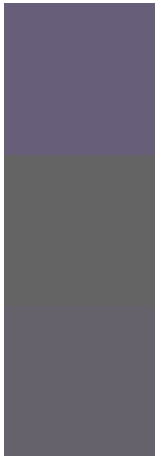
**Original Color**  
675F7A

**Protanomaly**  
61617B

**Deuteranomaly**  
63607A

**Tritanomaly**  
656170

# Monochromacy



**Original Color**  
675F7A

**Achromatopsia**  
646464

**Achromatomaly**  
65626C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 675F7A 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 #675F7A looks like.

```
.text, #text, p{  
    color:#675F7A  
}
```

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 #675F7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #675F7A
}
```

## Border

The CSS property to change the border of an element to Hex 675F7A is called "border". The border property can be set on classes, ids or directly on the HTML element.

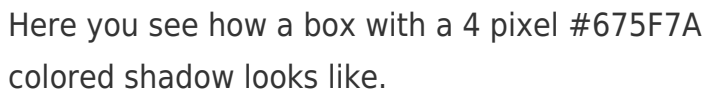
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#675F7A }
```

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

```
.border{ border-color:#675F7A }
```

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



Here you see how a box with a 4 pixel #675F7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #675F7A; -webkit-box-shadow:4px 4px  
4px 4px #675F7A; box-shadow:4px 4px 4px  
4px #675F7A }
```

# Background

The CSS property to change the background color of an element to Hex 675F7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#675F7A }
```

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

```
.background{ background-color:#675F7A }
```

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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