

Converting Colors

Hex(675497)

Have a look what the booklet for
Hex(675497) contains.

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Color

Hex(675497)

Conversions

Conversions Part 1

Format	Color
Hex	675497
RGB	103, 84, 151
RGB Percent	40%, 33%, 59%
CMY	0.5961, 0.6706, 0.4078
CMYK	0.32, 0.44, 0.00, 0.41
HSL	257°, 29%, 46%
HSV	257°, 44%, 59%
XYZ	14.3498, 11.4586, 30.7336
YIQ	97.3190, -10.1830, 24.8650

Conversions

Conversions Part 2

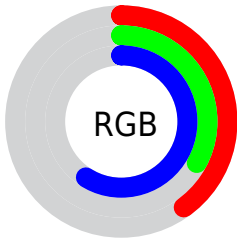
Format	Color
R _Y B	103, 84, 151
Decimal	6771863
CIE Lab	40.34, 23.38, -34.05
CIE LCh	40, 41.308, 304.478
Yxy	11.4586, 0.2538, 0.2027
Android (android.graphics.Color)	4284961943 (0xFF675497)
YUV	97.3190, 26.4647, 4.9822
Hunter-Lab	33.8505, 16.4305, -30.1352

Details

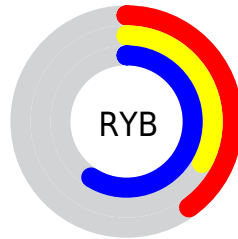
The Hex color **675497** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **849754**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **9C86CE**, and **352664** is the 20% darker color. If you saturate the color by 10%, you get **5C4597**, and if you desaturate by 10%, it is **726397**.

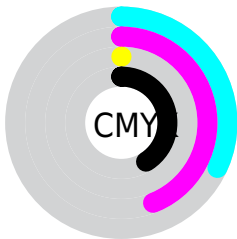
Distribution



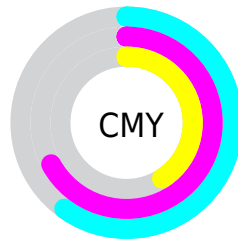
- Red (40%)
- Green (33%)
- Blue (59%)



- Red (40%)
- Yellow (33%)
- Blue (59%)



- Cyan (32%)
- Magenta (44%)
- Yellow (0%)
- Black (41%)



- Cyan (60%)
- Magenta (67%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 675497 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 675497 by changing the saturation by 10% instead.

■ 675497

■ 675497

FFFFFF

■ 4E3D7D

■ 9C86CE

■ 352664

■ B7A0EA

■ 1B124B

■ D4BBFF

■ 090034

■ F0D7FF

■ 00021E

■ FFF3FF

■ 000000

■ 675497

■ 675497

■ 5C4597

■ 726397

■ 513697

■ 7D7297

■ 472797

■ 878197

■ 3C1897

■ 929097

■ 310997

■ 9DA097

■ 2B0097

■ A8AF97

■ B3BE97

■ BECD97

■ C8DC97

Harmonies

Analogous

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



1C61A2



675497



8C467D

Triad

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



675497



885321



006F63

Complementary

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



675497



849754

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.



0D6D41



675497



6C5F15

Square

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



675497



99463B



496824



006F84

Rectangle

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



675497



994167



496824



006F57

Sweetspot

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



675497



B2ABC4



548497



585463



E3E3E3



636363

Same Dimension

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



675497



7A5CC4



885497



47454D



28008C



04000D

Inverse Universe

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



975484



C45CA7



639754



4D454A



8C0064



0D0009

Previews

White Background



This preview shows how the Hex color 675497 looks on a white background.

Color Contrast Check

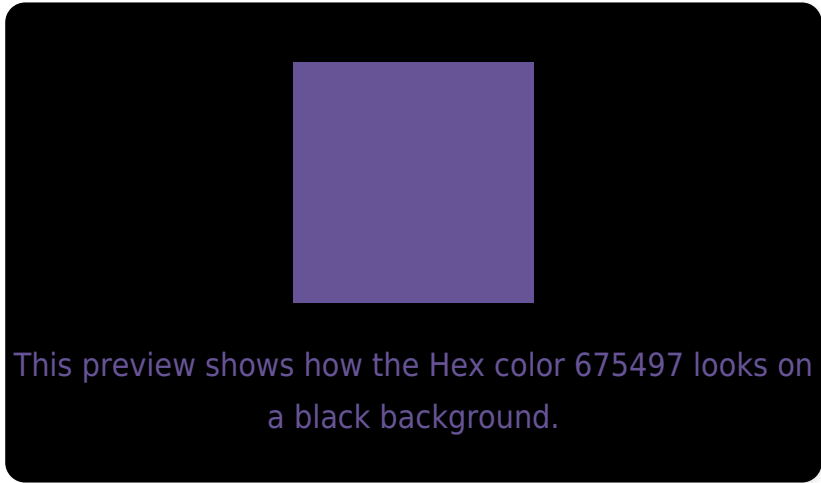
Large Text (above 18pt) WCAG AA ✓ Pass

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 675497 Background



This preview shows how black text looks on a background with the Hex color 675497.



This preview shows how white text looks on a background with the Hex color 675497.

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
675497

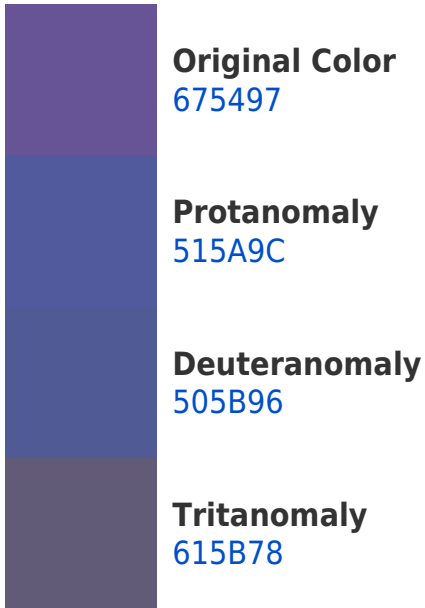
Protanopia
445D9F

Deuteranopia
435F95

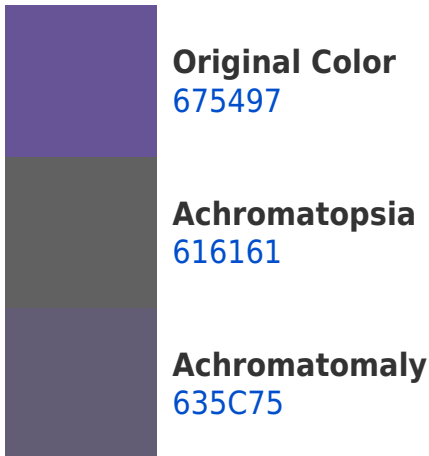


Tritanopia
5D5F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 675497 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 #675497 looks like.

```
.text, #text, p{  
    color:#675497  
}
```

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 #675497 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #675497
}
```

Border

The CSS property to change the border of an element to Hex 675497 is called "border". The border property can be set on classes, ids or directly on the HTML element.

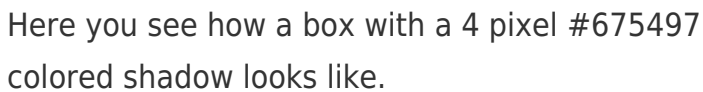
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#675497 }
```

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

```
.border{ border-color:#675497 }
```

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



Here you see how a box with a 4 pixel #675497 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #675497; -webkit-box-shadow:4px 4px  
4px 4px #675497; box-shadow:4px 4px 4px  
4px #675497 }
```

Background

The CSS property to change the background color of an element to Hex 675497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#675497 }
```

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

```
.background{ background-color:#675497 }
```

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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