

# Converting Colors

Hex(694785)

Have a look what the booklet for  
Hex(694785) contains.

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# Color

**Hex(694785)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	694785
RGB	105, 71, 133
RGB Percent	41%, 28%, 52%
CMY	0.5882, 0.7216, 0.4784
CMYK	0.21, 0.47, 0.00, 0.48
HSL	273°, 30%, 40%
HSV	273°, 47%, 52%
XYZ	12.3126, 9.2032, 23.3178
YIQ	88.2340, 0.3620, 26.4900

# Conversions

## Conversions Part 2

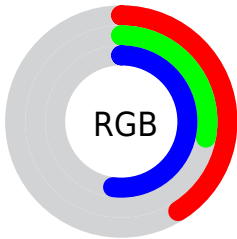
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 71, 133
Decimal	6899589
CIE <sub>Lab</sub>	36.37, 27.25, -29.36
CIE <sub>LCh</sub>	36, 40.056, 312.864
Yxy	9.2032, 0.2746, 0.2053
Android (android.graphics.Color)	4285089669 (0xFF694785)
YUV	88.2340, 22.0696, 14.7038
Hunter-Lab	30.3368, 19.3573, -24.3364

# Details

The Hex color **694785** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **638547**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9E78BA**, and **381A53** is the 20% darker color. If you saturate the color by 10%, you get **633A85**, and if you desaturate by 10%, it is **6F5485**.

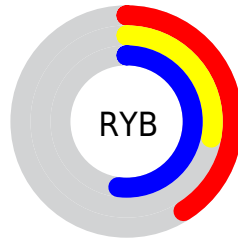
# Distribution



Red (41%)

Green (28%)

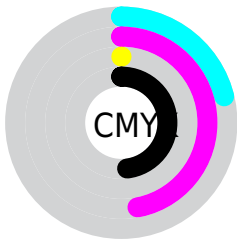
Blue (52%)



Red (41%)

Yellow (28%)

Blue (52%)

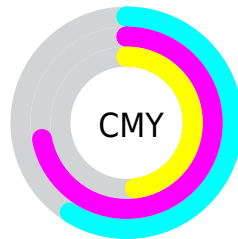


Cyan (21%)

Magenta (47%)

Yellow (0%)

Black (48%)



Cyan (59%)

Magenta (72%)

Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 694785 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 694785 by changing the saturation by 10% instead.



■ 694785

■ 694785

FFFFFF

■ 50306C

■ 9E78BA

■ 381A53

■ B992D6

■ 20043C

■ D5ADF3

■ 010025

■ F2C9FF

■ 00010E

■ FFE5FF

■ 000000

■ 694785

■ 694785

■ 633A85

■ 6F5485

■ 5D2C85

■ 756285

571F85

7B6F85

511285

817C85

4B0485

878A85

490085

8D9785

93A485

99B185

9FBF85

# Harmonies

## Analogous

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



305494



694785



863B69

# Triad

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



694785



754D14



006563

# Complementary

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



694785



638547

# 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.



006441



694785



59580F

# Square

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



694785



89402B



356023



006381

# Rectangle

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



694785



8F3754



356023



006558



# Sweetspot

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



694785



A295AD



476485



504857



D6D6D6



575757



# Same Dimension

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



694785



824CAD



854783



3F3C42



470082



010003



# Inverse Universe

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



854763



AD4C78



478549



423C3F



82003B



030001



# Previews

## White Background



This preview shows how the Hex color 694785 looks on a white background.

## Color Contrast Check

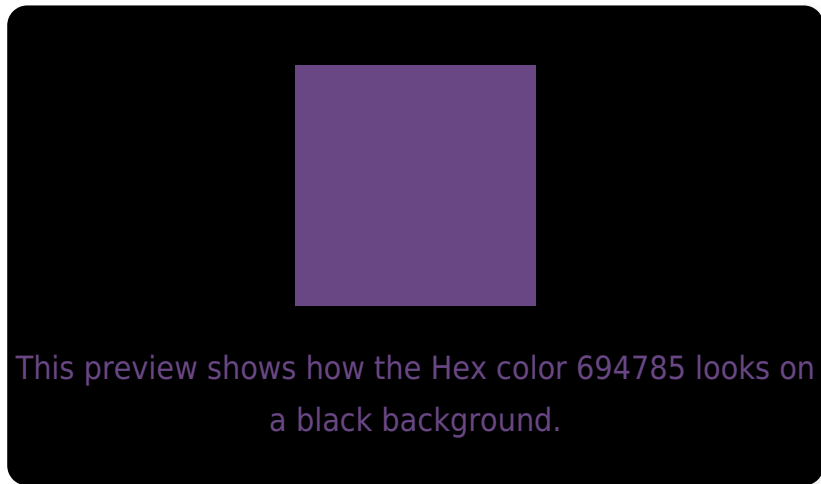
Large Text (above 18pt) WCAG AA ✓ Pass

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

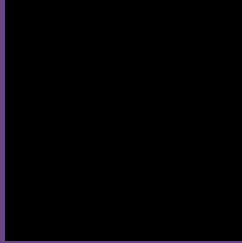
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 694785 Background



This preview shows how black text looks on a background with the Hex color 694785.



This preview shows how white text looks on a background with the Hex color 694785.

# 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**  
694785

**Protanopia**  
305491

**Deuteranopia**  
415682



**Tritanopia**  
615158

# Trichromacy



**Original Color**  
694785

**Protanomaly**  
4C4F8D

**Deuteranomaly**  
505183

**Tritanomaly**  
644D68

# Monochromacy



**Original Color**  
694785

**Achromatopsia**  
585858

**Achromatomaly**  
5E5268

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 694785 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 #694785 looks like.

```
.text, #text, p{  
    color:#694785  
}
```

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 #694785 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #694785
}
```

## Border

The CSS property to change the border of an element to Hex 694785 is called "border". The border property can be set on classes, ids or directly on the HTML element.

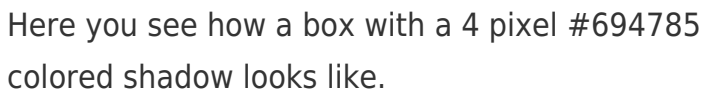
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#694785 }
```

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

```
.border{ border-color:#694785 }
```

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



Here you see how a box with a 4 pixel #694785 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #694785; -webkit-box-shadow:4px 4px  
4px 4px #694785; box-shadow:4px 4px 4px  
4px #694785 }
```

# Background

The CSS property to change the background color of an element to Hex 694785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#694785 }
```

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

```
.background{ background-color:#694785 }
```

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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