

# Converting Colors

Hex(693D8C)

Have a look what the booklet for  
Hex(693D8C) contains.

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# Color

Hex(693D8C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	693D8C
RGB	105, 61, 140
RGB Percent	41%, 24%, 55%
CMY	0.5882, 0.7608, 0.4510
CMYK	0.25, 0.56, 0.00, 0.45
HSL	273°, 39%, 39%
HSV	273°, 56%, 55%
XYZ	12.2281, 8.2342, 25.7558
YIQ	83.1620, 0.8650, 33.8970

# Conversions

## Conversions Part 2

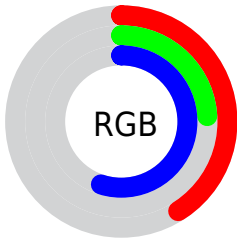
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 61, 140
Decimal	6897036
CIE <sub>Lab</sub>	34.47, 34.89, -36.68
CIE <sub>LCh</sub>	34, 50.621, 313.564
Yxy	8.2342, 0.2646, 0.1782
Android (android.graphics.Color)	4285087116 (0xFF693D8C)
YUV	83.1620, 28.0211, 19.1519
Hunter-Lab	28.6953, 25.8483, -33.1298

# Details

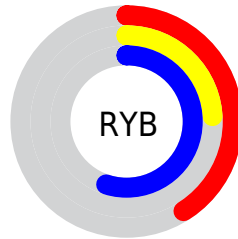
The Hex color **693D8C** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **608C3D**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9E6EC2**, and **360D59** is the 20% darker color. If you saturate the color by 10%, you get **632F8C**, and if you desaturate by 10%, it is **6F4B8C**.

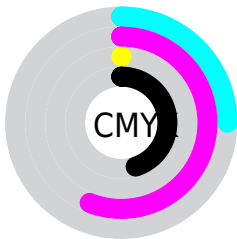
# Distribution



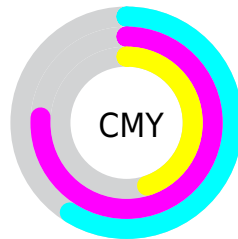
- Red (41%)
- Green (24%)
- Blue (55%)



- Red (41%)
- Yellow (24%)
- Blue (55%)



- Cyan (25%)
- Magenta (56%)
- Yellow (0%)
- Black (45%)



- Cyan (59%)
- Magenta (76%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 693D8C 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 693D8C by changing the saturation by 10% instead.



 693D8C

 693D8C

FFFFFF

 4F2572

 9E6EC2

 360D59

 BA88DE

 1E0041

 D6A3FB

 00002B

 F3BEFF

 000115

 FFDAFF

 000000

 FFF7FF

 693D8C

 693D8C

 632F8C

 6F4B8C

■ 5D218C

■ 75598C

■ 56138C

■ 7C678C

■ 50058C

■ 82758C

■ 4E008C

■ 88838C

■ 8E918C

■ 949F8C

■ 9BAD8C

■ A1BB8C

# Harmonies

## Analogous

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



0050A0



693D8C



8D2869

# Triad

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



693D8C



754700



006363

# Complementary

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



693D8C



608C3D

# 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.



006239



693D8C



525500

# Square

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



693D8C



8E341A



215D0D



006288

# Rectangle

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



693D8C



97224E



215D0D



006355



# Sweetspot

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



693D8C



A796B5



3D618C



54495C



DBDBDB



5C5C5C



# Same Dimension

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



693D8C



7F3AB5



8C3D88



423E45



4A0085



030005



# Inverse Universe

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



8C3D60



B53A70



3D8C41



453E41



85003B

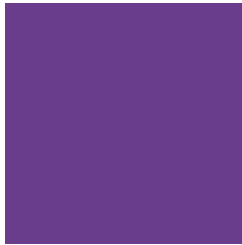


050002



# Previews

## White Background



This preview shows how the Hex color 693D8C 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

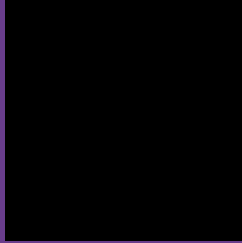
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 693D8C Background



This preview shows how black text looks on a background with the Hex color 693D8C.

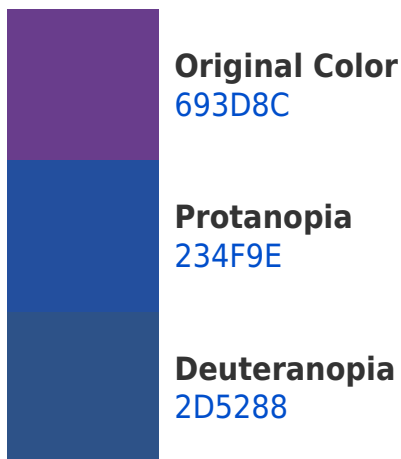


This preview shows how white text looks on a background with the Hex color 693D8C.

# 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**  
5F4C52

# Trichromacy



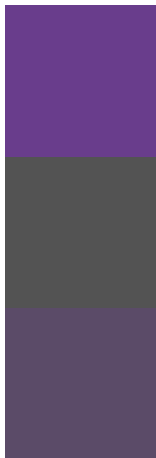
**Original Color**  
693D8C

**Protanomaly**  
3C4897

**Deuteranomaly**  
434A89

**Tritanomaly**  
634767

# Monochromacy



**Original Color**  
693D8C

**Achromatopsia**  
535353

**Achromatomaly**  
5B4B68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 693D8C 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 #693D8C looks like.

```
.text, #text, p{  
  color:#693D8C  
}
```

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 #693D8C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #693D8C
}
```

## Border

The CSS property to change the border of an element to Hex 693D8C is called "border". The border property can be set on classes, ids or directly on the HTML element.

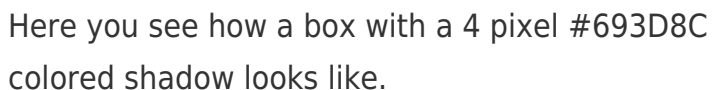
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#693D8C }
```

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

```
.border{ border-color:#693D8C }
```

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



Here you see how a box with a 4 pixel #693D8C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #693D8C; -webkit-box-shadow:4px 4px  
4px 4px #693D8C; box-shadow:4px 4px 4px  
4px #693D8C }
```

# Background

The CSS property to change the background color of an element to Hex 693D8C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#693D8C }
```

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

```
.background{ background-color:#693D8C }
```

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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