

# Converting Colors

Hex(693162)

Have a look what the booklet for  
Hex(693162) contains.

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# Color

**Hex(693162)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	693162
RGB	105, 49, 98
RGB Percent	41%, 19%, 38%
CMY	0.5882, 0.8078, 0.6157
CMYK	0.00, 0.53, 0.07, 0.59
HSL	308°, 36%, 30%
HSV	308°, 53%, 41%
XYZ	9.1286, 6.0817, 12.2480
YIQ	71.3300, 17.6470, 27.1110

# Conversions

## Conversions Part 2

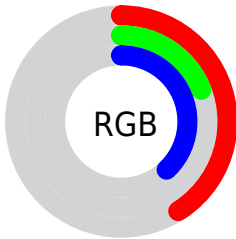
<b>Format</b>	<b>Color</b>
<b>RYB</b>	105, 49, 98
Decimal	6893922
CIELab	29.62, 32.35, -17.89
CIElCh	30, 36.968, 331.050
Yxy	6.0817, 0.3325, 0.2215
Android (android.graphics.Color)	4285084002 (0xFF693162)
YUV	71.3300, 13.1483, 29.5286
Hunter-Lab	24.6612, 22.9169, -12.1837

# Details

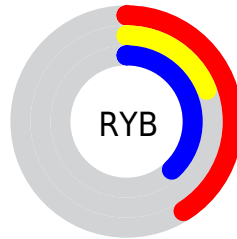
The Hex color **693162** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **316938**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **9E6295**, and **380033** is the 20% darker color. If you saturate the color by 10%, you get **692761**, and if you desaturate by 10%, it is **693B63**.

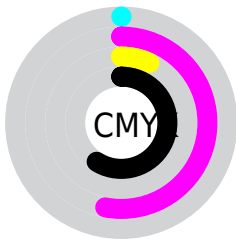
# Distribution



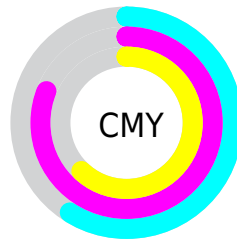
- Red (41%)
- Green (19%)
- Blue (38%)



- Red (41%)
- Yellow (19%)
- Blue (38%)



- Cyan (0%)
- Magenta (53%)
- Yellow (7%)
- Black (59%)



- Cyan (59%)
- Magenta (81%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 693162 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 693162 by changing the saturation by 10% instead.



693162

693162

FFFFFF

50194A

9E6295

380033

B97BB0

25001F

D596CB

000000

F2B1E7

FFCCFF

FFE9FF

693162

693162

692761

693B63

691C5F

694665

69115E

695066

69075D

695B67

69005C

696669

69706A

697A6B

69856D

69906E

# Harmonies

## Analogous

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



473E77



693162



782A46

# Triad

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



693162



534504



005363

# Complementary

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



693162



316938

# 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.



005346



693162



364D0F

# Square

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



693162



6A3A12



025129



005078

# Rectangle

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



693162



792C33



025129



00535A



# Sweetspot

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



693162



8A7487



383169



453843



C4C4C4



454545



# Same Dimension

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



693162



8A327F



693146



363035



750067



F500D6



# Inverse Universe

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



693162



8A327F



316954



363035



750067

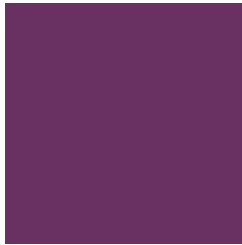


F500D6



# Previews

## White Background



This preview shows how the Hex color 693162 looks on a white background.

## Color Contrast Check

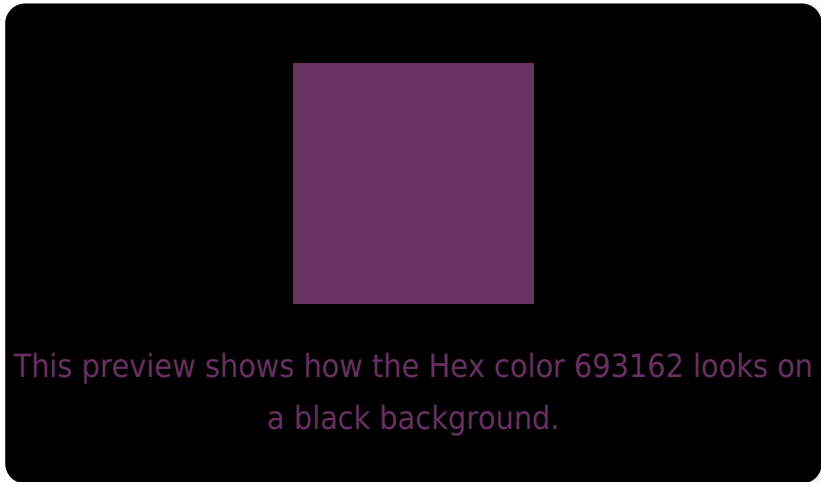
Large Text (above 18pt) WCAG AA ✓ Pass

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

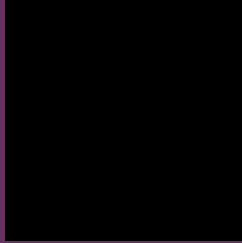
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 693162 Background



This preview shows how black text looks on a background with the Hex color 693162.

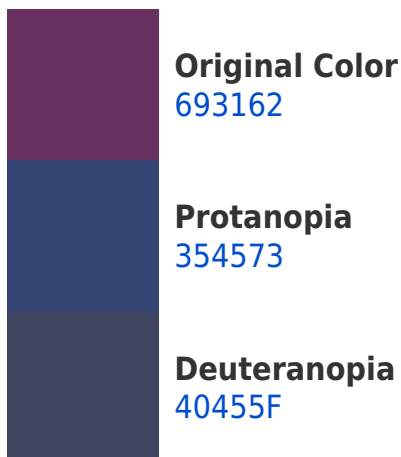


This preview shows how white text looks on a background with the Hex color 693162.

# 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**  
653A3E

# Trichromacy



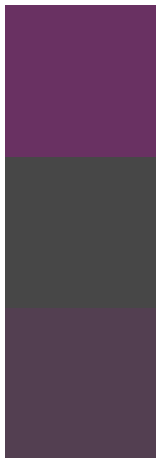
**Original Color**  
693162

**Protanomaly**  
483E6D

**Deuteranomaly**  
4F3E60

**Tritanomaly**  
66374B

# Monochromacy



**Original Color**  
693162

**Achromatopsia**  
474747

**Achromatomaly**  
533F51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 693162 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 #693162 looks like.

```
.text, #text, p{  
    color:#693162  
}
```

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 #693162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #693162
}
```

## Border

The CSS property to change the border of an element to Hex 693162 is called "border". The border property can be set on classes, ids or directly on the HTML element.

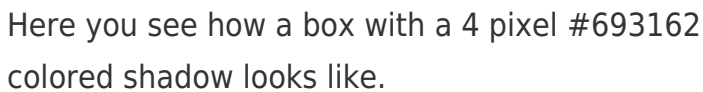
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#693162 }
```

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

```
.border{ border-color:#693162 }
```

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



Here you see how a box with a 4 pixel #693162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #693162; -webkit-box-shadow:4px 4px  
4px 4px #693162; box-shadow:4px 4px 4px  
4px #693162 }
```

# Background

The CSS property to change the background color of an element to Hex 693162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#693162 }
```

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

```
.background{ background-color:#693162 }
```

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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