

# Converting Colors

Hex(703462)

Have a look what the booklet for  
Hex(703462) contains.

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# Color

**Hex(703462)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	703462
RGB	112, 52, 98
RGB Percent	44%, 20%, 38%
CMY	0.5608, 0.7961, 0.6157
CMYK	0.00, 0.54, 0.13, 0.56
HSL	314°, 37%, 32%
HSV	314°, 54%, 44%
XYZ	10.1147, 6.7826, 12.3313
YIQ	75.1840, 20.9940, 27.0260

# Conversions

## Conversions Part 2

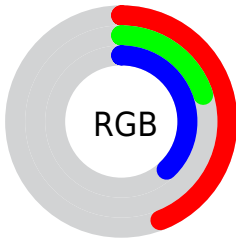
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 52, 98
Decimal	7353442
CIE <sub>Lab</sub>	31.31, 33.03, -15.20
CIE <sub>LCh</sub>	31, 36.363, 335.290
Yxy	6.7826, 0.3461, 0.2321
Android (android.graphics.Color)	4285543522 (0xFF703462)
YUV	75.1840, 11.2483, 32.2876
Hunter-Lab	26.0434, 23.7497, -9.8430

# Details

The Hex color **703462** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **347042**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **A56595**, and **3E0233** is the 20% darker color. If you saturate the color by 10%, you get **70295F**, and if you desaturate by 10%, it is **703F65**.

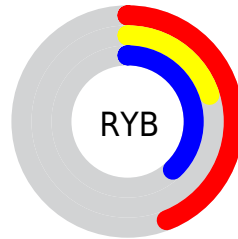
# Distribution



Red (44%)

Green (20%)

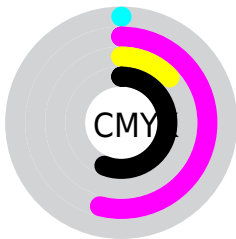
Blue (38%)



Red (44%)

Yellow (20%)

Blue (38%)

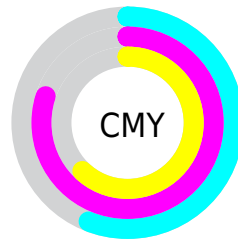


Cyan (0%)

Magenta (54%)

Yellow (13%)

Black (56%)



Cyan (56%)

Magenta (80%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 703462 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 703462 by changing the saturation by 10% instead.



703462

703462

FFFFFF

571C4A

A56595

3E0233

C17FB0

29001F

DD99CB

000001

FAB5E7

000000

FFD0FF

FFEDFF

703462

703462

70295F

703F65

701E5D

704A67

70125A

70566A

700758

70616C

700056

706C6F

707772

708274

708E77

70997A

# Harmonies

## Analogous

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



514078



703462



7D2F46

# Triad

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



703462



544A0A



00576A

# Complementary

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



703462



347042

# 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.



00574E



703462



365117

# Square

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



703462



6B3F14



005631



00537D

# Rectangle

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



703462



7D3133



005631



005761



# Sweetspot

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



703462



917A8C



423470



4A3C47



C9C9C9



4A4A4A



# Same Dimension

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



703462



91347C



703444



383237



78005C



F700BE



# Inverse Universe

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



703462



91347C



347060



383237



78005C

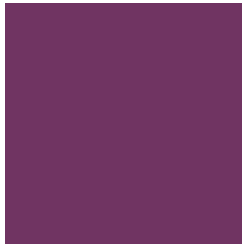


F700BE



# Previews

## White Background



This preview shows how the Hex color 703462 looks on a white background.

## Color Contrast Check

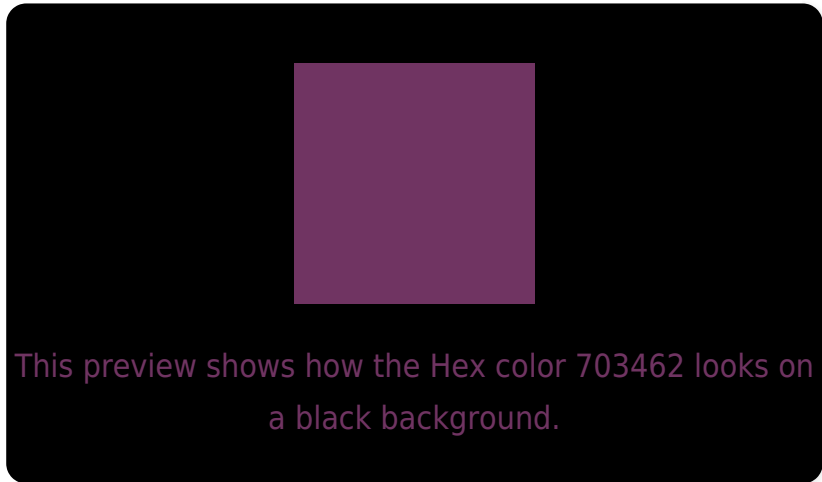
Large Text (above 18pt) WCAG AA ✓ Pass

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

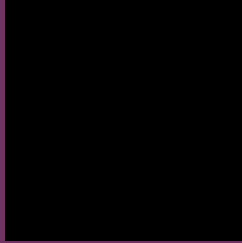
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 703462 Background



This preview shows how black text looks on a background with the Hex color 703462.

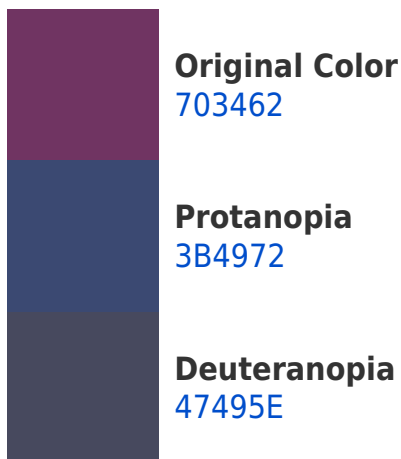


This preview shows how white text looks on a background with the Hex color 703462.

# 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**  
6C3C40

# Trichromacy



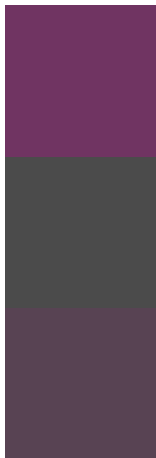
**Original Color**  
703462

**Protanomaly**  
4E416C

**Deuteranomaly**  
56415F

**Tritanomaly**  
6D394C

# Monochromacy



**Original Color**  
703462

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
584353

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 703462 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 #703462 looks like.

```
.text, #text, p{  
    color:#703462  
}
```

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 #703462 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #703462
}
```

## Border

The CSS property to change the border of an element to Hex 703462 is called "border". The border property can be set on classes, ids or directly on the HTML element.

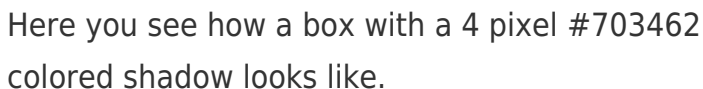
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#703462 }
```

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

```
.border{ border-color:#703462 }
```

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



Here you see how a box with a 4 pixel #703462 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #703462; -webkit-box-shadow:4px 4px  
4px 4px #703462; box-shadow:4px 4px 4px  
4px #703462 }
```

# Background

The CSS property to change the background color of an element to Hex 703462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#703462 }
```

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

```
.background{ background-color:#703462 }
```

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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