

# Converting Colors

Hex(712662)

Have a look what the booklet for  
Hex(712662) contains.

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# Color

**Hex(712662)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	712662
RGB	113, 38, 98
RGB Percent	44%, 15%, 38%
CMY	0.5569, 0.8510, 0.6157
CMYK	0.00, 0.66, 0.13, 0.56
HSL	312°, 50%, 30%
HSV	312°, 66%, 44%
XYZ	9.7078, 5.7788, 12.1590
YIQ	67.2650, 25.4400, 34.5600

# Conversions

## Conversions Part 2

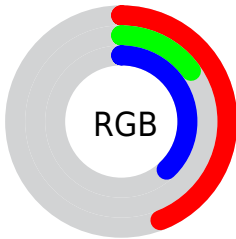
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 38, 98
Decimal	7415394
CIE <sub>Lab</sub>	28.85, 40.41, -18.99
CIE <sub>LCh</sub>	29, 44.652, 334.834
Yxy	5.7788, 0.3512, 0.2090
Android (android.graphics.Color)	4285605474 (0xFF712662)
YUV	67.2650, 15.1524, 40.1096
Hunter-Lab	24.0391, 30.0157, -13.1617

# Details

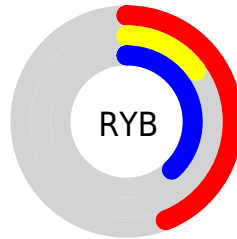
The Hex color **712662** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **267135**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **A75995**, and **3E0033** is the 20% darker color. If you saturate the color by 10%, you get **711B60**, and if you desaturate by 10%, it is **713164**.

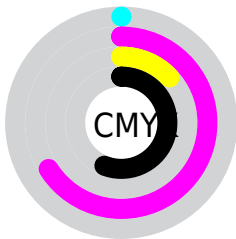
# Distribution



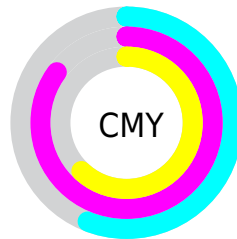
- Red (44%)
- Green (15%)
- Blue (38%)



- Red (44%)
- Yellow (15%)
- Blue (38%)



- Cyan (0%)
- Magenta (66%)
- Yellow (13%)
- Black (56%)




- Cyan (56%)
- Magenta (85%)
- Yellow (62%)
- Black (56%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 712662 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 712662 by changing the saturation by 10% instead.



 712662

 712662

FFFFFF

 57094A

 A75995

 3E0033

 C372B0

 29001E

 E08DCB


 000000


 FDA8E7

 FFC4FF

 FFE0FF

 FFFDFF

 712662

 712662

711B60

713164

710F5D

713D67

71045B

714869

71005A

71536B

715E6D

716A70

717572

718074

718C76

# Harmonies

## Analogous

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



4A387D



712662



801C40

# Triad

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



712662



4E4400



00536B

# Complementary

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



712662



267135

# 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.



005349



712662



2A4D00

# Square

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



712662



6A3700



005125



004F83

# Rectangle

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



712662



7F2129



005125



005360



# Sweetspot

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



712662



94768E



352671



4A3846



C9C9C9



4A4A4A



# Same Dimension

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



712662



941E7C



71263D



383237



780060



F700C6



# Inverse Universe

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



712662



941E7C



26715B



383237



780060

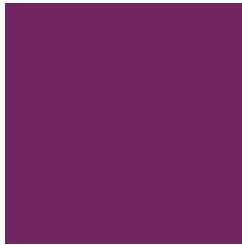


F700C6



# Previews

## White Background



This preview shows how the Hex color 712662 looks on a white background.

## Color Contrast Check

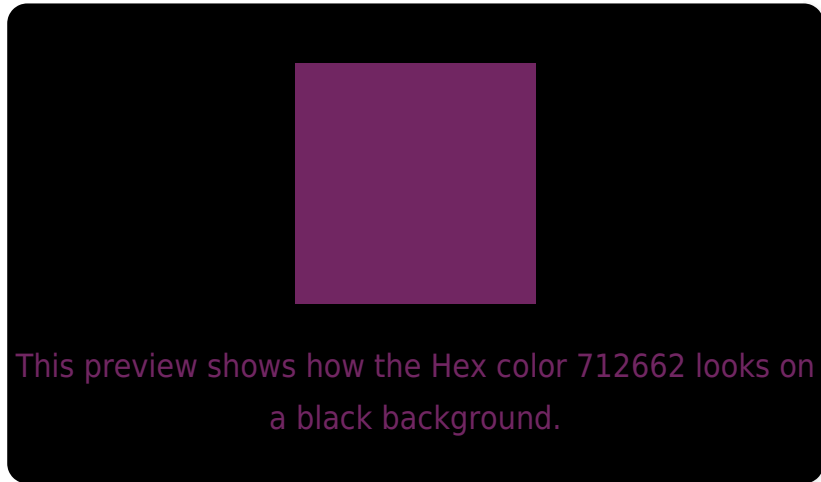
Large Text (above 18pt) WCAG AA ✓ Pass

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

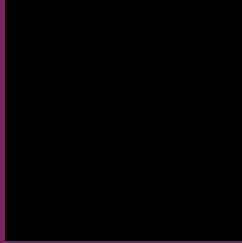
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 712662 Background



This preview shows how black text looks on a background with the Hex color 712662.

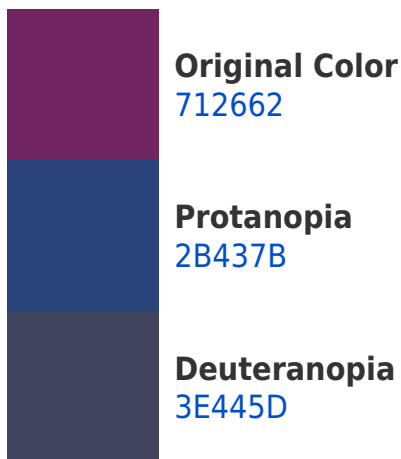



This preview shows how white text looks on a background with the Hex color 712662.

# 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**  
6D3336

# Trichromacy



**Original Color**

712662

**Protanomaly**

443872

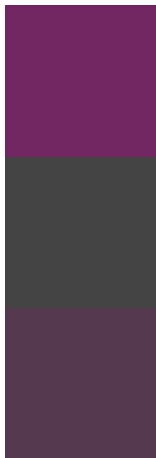
**Deuteranomaly**

51395F

**Tritanomaly**

6E2E46

# Monochromacy



**Original Color**

712662

**Achromatopsia**

434343

**Achromatomaly**

54384E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 712662 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 #712662 looks like.

```
.text, #text, p{  
    color:#712662  
}
```

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 #712662 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #712662
}
```

## Border

The CSS property to change the border of an element to Hex 712662 is called "border". The border property can be set on classes, ids or directly on the HTML element.

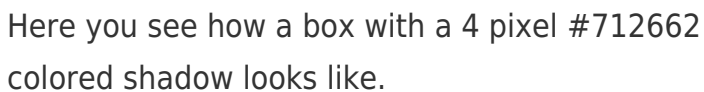
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#712662 }
```

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

```
.border{ border-color:#712662 }
```

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



Here you see how a box with a 4 pixel #712662 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #712662; -webkit-box-shadow:4px 4px  
4px 4px #712662; box-shadow:4px 4px 4px  
4px #712662 }
```

# Background

The CSS property to change the background color of an element to Hex 712662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#712662 }
```

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

```
.background{ background-color:#712662 }
```

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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