

# Converting Colors

Hex(704962)

Have a look what the booklet for  
Hex(704962) contains.

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# Color

**Hex(704962)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	704962
RGB	112, 73, 98
RGB Percent	44%, 29%, 38%
CMY	0.5608, 0.7137, 0.6157
CMYK	0.00, 0.35, 0.13, 0.56
HSL	322°, 21%, 36%
HSV	322°, 35%, 44%
XYZ	11.2692, 9.0917, 12.7162
YIQ	87.5110, 15.2190, 16.0430

# Conversions

## Conversions Part 2

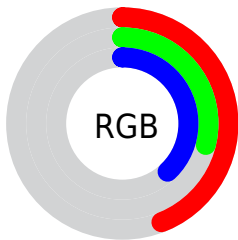
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 73, 98
Decimal	7358818
CIE Lab	36.16, 20.81, -7.83
CIE LCh	36, 22.230, 339.379
Yxy	9.0917, 0.3407, 0.2749
Android (android.graphics.Color)	4285548898 (0xFF704962)
YUV	87.5110, 5.1711, 21.4769
Hunter-Lab	30.1524, 13.9464, -3.8977

# Details

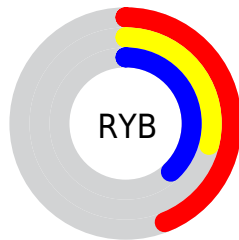
The Hex color **704962** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **497057**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **A47A95**, and **3F1C34** is the 20% darker color. If you saturate the color by 10%, you get **703E5E**, and if you desaturate by 10%, it is **705466**.

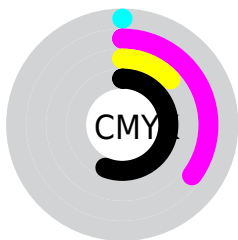
# Distribution



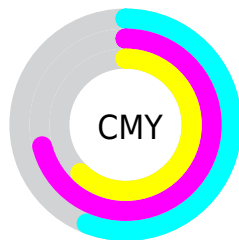
- Red (44%)
- Green (29%)
- Blue (38%)



- Red (44%)
- Yellow (29%)
- Blue (38%)



- Cyan (0%)
- Magenta (35%)
- Yellow (13%)
- Black (56%)



- Cyan (56%)
- Magenta (71%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 704962 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 704962 by changing the saturation by 10% instead.



 704962

 704962

FFFFFF

 57324A

 A47A95

 3F1C34

 C094AF

 28061E

 DCAFCB

 0A0003

 F9CBE7

 000000

 FFE7FF

 704962

 704962

 703E5E

 705466

 70335A

 705F6A

702756

706B6E

701C52

707672

70114E

708176

70064A

708C7A

700048

70977E

70A382

70AE86

# Harmonies

## Analogous

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



5E4E71



704962



784750

# Triad

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



704962



5B5631



0E5E6B

# Complementary

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



704962



497057

# 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.



1A5F5A



704962



485B39

# Square

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



704962



6B5034



325E48



275A76

# Rectangle

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



704962



774944



325E48



0E5E66



# Sweetspot

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



704962



91838C



574970



4A4147



C9C9C9



4A4A4A



# Same Dimension

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



704962



91547B



70494F



383236



78004D



F7009F



# Inverse Universe

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



704962



91547B



49706A



383236



78004D

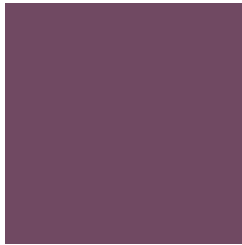


F7009F



# Previews

## White Background



This preview shows how the Hex color 704962 looks on a white background.

## Color Contrast Check

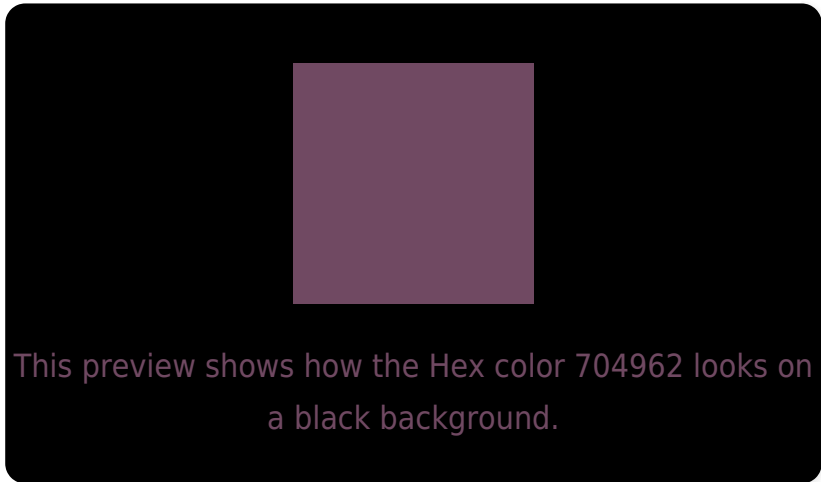
Large Text (above 18pt) WCAG AA ✓ Pass

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

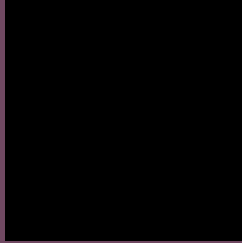
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 704962 Background



This preview shows how black text looks on a background with the Hex color 704962.

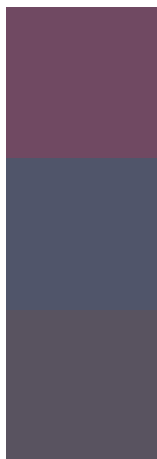


This preview shows how white text looks on a background with the Hex color 704962.

# 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**  
704962

**Protanopia**  
50556A

**Deuteranopia**  
595360



**Tritanopia**  
6E4C52

# Trichromacy



**Original Color**  
704962

**Protanomaly**  
5C5167

**Deuteranomaly**  
614F61

**Tritanomaly**  
6F4B58

# Monochromacy



**Original Color**  
704962

**Achromatopsia**  
585858

**Achromatomaly**  
61535C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 704962 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 #704962 looks like.

```
.text, #text, p{  
    color:#704962  
}
```

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 #704962 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #704962
}
```

## Border

The CSS property to change the border of an element to Hex 704962 is called "border". The border property can be set on classes, ids or directly on the HTML element.

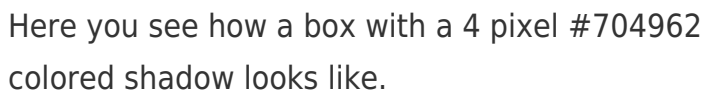
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#704962 }
```

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

```
.border{ border-color:#704962 }
```

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



Here you see how a box with a 4 pixel #704962 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #704962; -webkit-box-shadow:4px 4px  
4px 4px #704962; box-shadow:4px 4px 4px  
4px #704962 }
```

# Background

The CSS property to change the background color of an element to Hex 704962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#704962 }
```

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

```
.background{ background-color:#704962 }
```

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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