

# Converting Colors

Hex(702466)

Have a look what the booklet for  
Hex(702466) contains.

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# Color

**Hex(702466)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 702466                    |
| RGB         | 112, 36, 102              |
| RGB Percent | 44%, 14%, 40%             |
| CMY         | 0.5608, 0.8588, 0.6000    |
| CMYK        | 0.00, 0.68, 0.09, 0.56    |
| HSL         | 308°, 51%, 29%            |
| HSV         | 308°, 68%, 44%            |
| XYZ         | 9.7112, 5.6658, 13.1521   |
| YIQ         | 66.2480, 24.1100, 36.6380 |

# Conversions

## Conversions Part 2

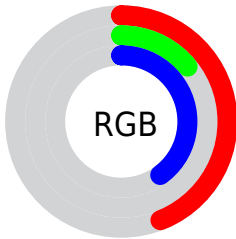
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 112, 36, 102                  |
| Decimal                             | 7349350                       |
| CIE <sub>Lab</sub>                  | 28.55, 41.71, -22.05          |
| CIE <sub>LCh</sub>                  | 29, 47.178, 332.137           |
| Yxy                                 | 5.6658, 0.3404,<br>0.1986     |
| Android<br>(android.graphics.Color) | 4285539430<br>(0xFF702466)    |
| YUV                                 | 66.2480, 17.6257,<br>40.1245  |
| Hunter-Lab                          | 23.8030, 31.1701,<br>-16.0982 |

# Details

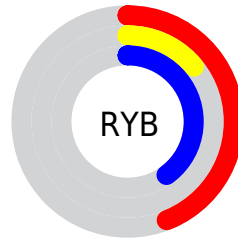
The Hex color **702466** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **24702E**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **A65799**, and **3D0037** is the 20% darker color. If you saturate the color by 10%, you get **701965**, and if you desaturate by 10%, it is **702F67**.

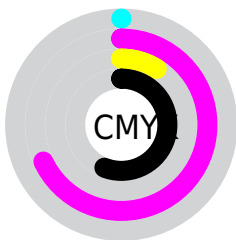
# Distribution



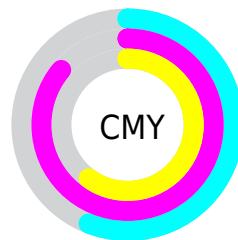
- Red (44%)
- Green (14%)
- Blue (40%)



- Red (44%)
- Yellow (14%)
- Blue (40%)



- Cyan (0%)
- Magenta (68%)
- Yellow (9%)
- Black (56%)



- Cyan (56%)
- Magenta (86%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 702466 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 702466 by changing the saturation by 10% instead.



 702466

 702466

FFFFFF

 56054E

 A65799

 3D0037

 C271B4

 280021

 DF8BD0

 000006

 FCA6EC

 000000

 FFC2FF

 FFDFFF

 FFFCFF

 702466

 702466

■ 701965

■ 702F67

■ 700E63

■ 703A69

■ 700262

■ 70466A

■ 700061

■ 70516C

■ 705C6D

■ 70676F

■ 707270

■ 707E72

■ 708973

# Harmonies

## Analogous

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



443882



702466



821642

# Triad

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



702466



514300



005369

# Complementary

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



702466



24702E

# 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.



005345



702466



2B4C00

# Square

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



702466



6D3400



00511F



005084

# Rectangle

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



702466



821B2A



00511F



00535E



# Sweetspot

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



702466



91748E



2D2470



4A3848



C9C9C9



4A4A4A



# Same Dimension

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



702466



911C82



702441



383237



780068



F700D7



# Inverse Universe

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



702466



911C82



247053



383237



780068



F700D7



# Previews

## White Background



This preview shows how the Hex color 702466 looks on a white background.

## Color Contrast Check

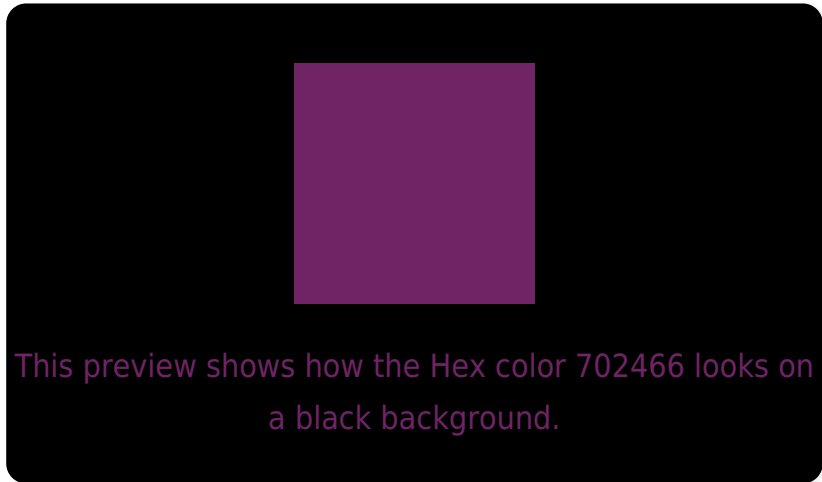
Large Text (above 18pt) WCAG AA ✓ Pass

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

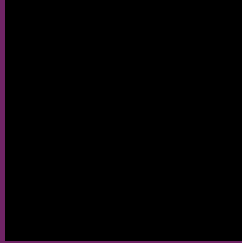
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 702466 Background



This preview shows how black text looks on a background with the Hex color 702466.

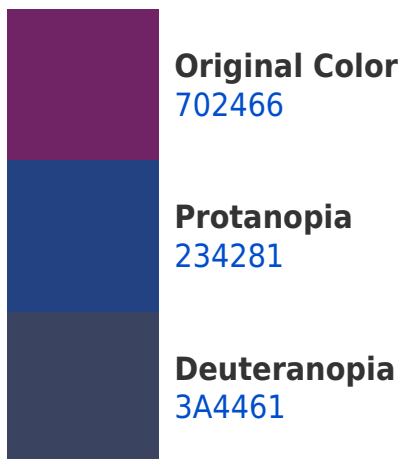



This preview shows how white text looks on a background with the Hex color 702466.

# 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**  
6B3336

# Trichromacy



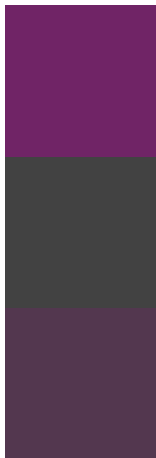
**Original Color**  
702466

**Protanomaly**  
3F3777

**Deuteranomaly**  
4E3863

**Tritanomaly**  
6D2E47

# Monochromacy



**Original Color**  
702466

**Achromatopsia**  
424242

**Achromatomaly**  
53374F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 702466 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 #702466 looks like.

```
.text, #text, p{  
    color:#702466  
}
```

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 #702466 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #702466  
}
```

## Border

The CSS property to change the border of an element to Hex 702466 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  
#702466 }
```

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

```
.border{ border-color:#702466 }
```

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

Here you see how a box with a 4 pixel #702466 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #702466; -webkit-box-shadow:4px 4px  
4px 4px #702466; box-shadow:4px 4px 4px  
4px #702466 }
```

# Background

The CSS property to change the background color of an element to Hex 702466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#702466 }
```

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

```
.background{ background-color:#702466 }
```

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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