

# Converting Colors

Hex(702070)

Have a look what the booklet for  
Hex(702070) contains.

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**Color**

**Hex(702070)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	702070
RGB	112, 32, 112
RGB Percent	44%, 13%, 44%
CMY	0.5608, 0.8745, 0.5608
CMYK	0.00, 0.71, 0.00, 0.56
HSL	300°, 56%, 28%
HSV	300°, 71%, 44%
XYZ	10.1232, 5.6476, 15.8858
YIQ	65.0400, 22.0000, 41.8400

# Conversions

## Conversions Part 2

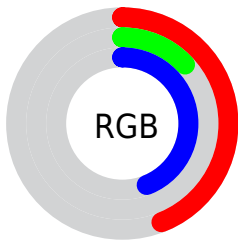
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 32, 112
Decimal	7348336
CIE <sub>Lab</sub>	28.51, 45.17, -28.55
CIE <sub>LCh</sub>	29, 53.443, 327.703
Yxy	5.6476, 0.3198, 0.1784
Android (android.graphics.Color)	4285538416 (0xFF702070)
YUV	65.0400, 23.1513, 41.1839
Hunter-Lab	23.7647, 34.4487, -22.9977

# Details

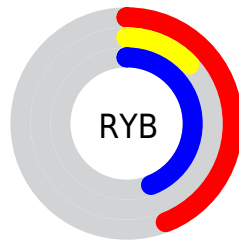
The Hex color **702070** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **207020**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **A654A4**, and **3C0040** is the 20% darker color. If you saturate the color by 10%, you get **701570**, and if you desaturate by 10%, it is **702B70**.

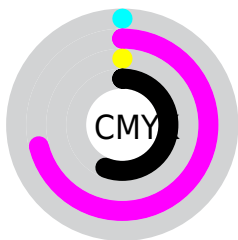
# Distribution



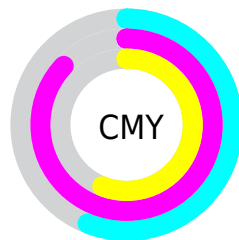
- Red (44%)
- Green (13%)
- Blue (44%)



- Red (44%)
- Yellow (13%)
- Blue (44%)



- Cyan (0%)
- Magenta (71%)
- Yellow (0%)
- Black (56%)



- Cyan (56%)
- Magenta (87%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 702070 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 702070 by changing the saturation by 10% instead.



 702070

 702070

FFFFFF

 560057

 A654A4

 3C0040

 C26EBF

 270029

 DF89DB

 000113

 FCA4F8

 000000

 FFC0FF

 FFDCFF

 FFF9FF

 702070

 702070

 701570

 702B70

 700A70

 703670

 700070

 704270

 704D70

 705870

 706370

 706E70

 707A70

 708570

# Harmonies

## Analogous

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



343A8D



702070



870048

# Triad

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



702070



564100



005469

# Complementary

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



702070



207020

# 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.



00543F



702070



2E4C00

# Square

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



702070



742E00



005212



005289

# Rectangle

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



702070



89062D



005212



00555B



# Sweetspot

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



702070



917391



202070



4A374A



C9C9C9



4A4A4A



# Same Dimension

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



702070



911491



702048



383238



780078



F700F7



# Inverse Universe

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



702070



911491



207048



383238



780078

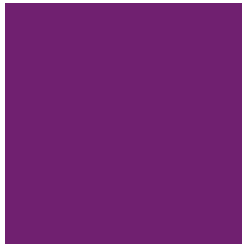


F700F7



# Previews

## White Background



This preview shows how the Hex color 702070 looks on a white background.

## Color Contrast Check

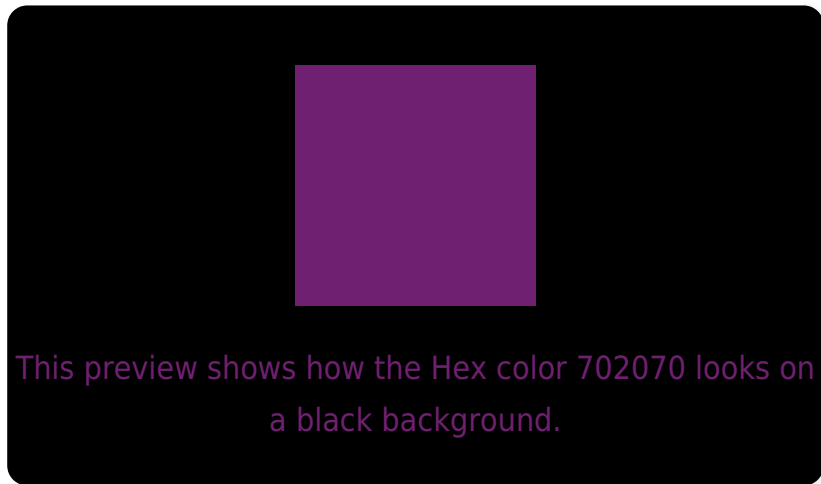
Large Text (above 18pt) WCAG AA ✓ Pass

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

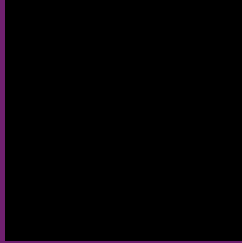
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 702070 Background



This preview shows how black text looks on a background with the Hex color 702070.




This preview shows how white text looks on a background with the Hex color 702070.

# 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**  
6A3437

# Trichromacy



**Original Color**  
702070

**Protanomaly**  
293682

**Deuteranomaly**  
48376C

**Tritanomaly**  
6C2D4C

# Monochromacy



**Original Color**  
702070

**Achromatopsia**  
414141

**Achromatomaly**  
523552

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 702070 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 #702070 looks like.

```
.text, #text, p{  
    color:#702070  
}
```

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 #702070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #702070
}
```

## Border

The CSS property to change the border of an element to Hex 702070 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
#702070 }
```

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

```
.border{ border-color:#702070 }
```

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

Here you see how a box with a 4 pixel #702070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #702070; -webkit-box-shadow:4px 4px  
4px 4px #702070; box-shadow:4px 4px 4px  
4px #702070 }
```

# Background

The CSS property to change the background color of an element to Hex 702070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#702070 }
```

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

```
.background{ background-color:#702070 }
```

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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