

Converting Colors

Hex(702A70)

Have a look what the booklet for
Hex(702A70) contains.

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Color

Hex(702A70)

Conversions

Conversions Part 1

Format	Color
Hex	702A70
RGB	112, 42, 112
RGB Percent	44%, 16%, 44%
CMY	0.5608, 0.8353, 0.5608
CMYK	0.00, 0.63, 0.00, 0.56
HSL	300°, 45%, 30%
HSV	300°, 63%, 44%
XYZ	10.4347, 6.2705, 15.9896
YIQ	70.9100, 19.2500, 36.6100

Conversions

Conversions Part 2

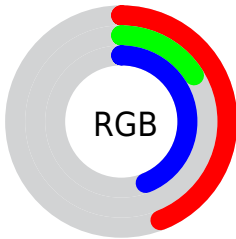
Format	Color
R_{YB}	112, 42, 112
Decimal	7350896
CIE _{Lab}	30.08, 40.77, -26.06
CIE _{LCh}	30, 48.389, 327.415
Yxy	6.2705, 0.3192, 0.1918
Android (android.graphics.Color)	4285540976 (0xFF702A70)
YUV	70.9100, 20.2574, 36.0359
Hunter-Lab	25.0410, 30.5598, -20.3301

Details

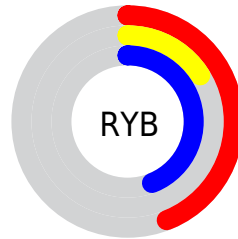
The Hex color **702A70** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2A702A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **A65CA4**, and **3D0040** is the 20% darker color. If you saturate the color by 10%, you get **701F70**, and if you desaturate by 10%, it is **703570**.

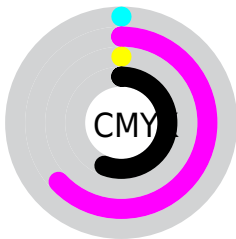
Distribution



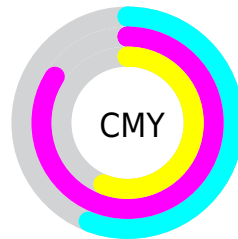
- Red (44%)
- Green (16%)
- Blue (44%)



- Red (44%)
- Yellow (16%)
- Blue (44%)



- Cyan (0%)
- Magenta (63%)
- Yellow (0%)
- Black (56%)



- Cyan (56%)
- Magenta (84%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 702A70 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 702A70 by changing the saturation by 10% instead.

702A70

702A70

FFFFFF

560F57

A65CA4

3D0040

C276BF

29002A

DE91DB

000113

FBACF8

000000

FFC8FF

FFE4FF

702A70

702A70

701F70

703570

 701470

 704070

 700870

 704C70

 700070

 705770

 706270

 706D70

 707870

 708470

 708F70

Harmonies

Analogous

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



3C3E8A



702A70



86194C

Triad

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



702A70



5A4400



005769

Complementary

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



702A70



2A702A

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.



005742



702A70



354F00

Square

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



702A70



753401



00541B



005486

Rectangle

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



702A70



881B33



00541B



00575C

Sweetspot

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



702A70



917691



2A2A70



4A394A



C9C9C9



4A4A4A

Same Dimension

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



702A70



912491



702A4D



383238



780078



F700F7

Inverse Universe

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



702A70



912491



2A704D



383238



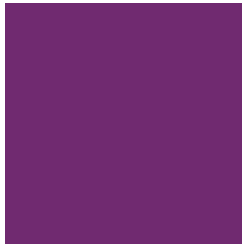
780078



F700F7

Previews

White Background



This preview shows how the Hex color 702A70 looks on a white background.

Color Contrast Check

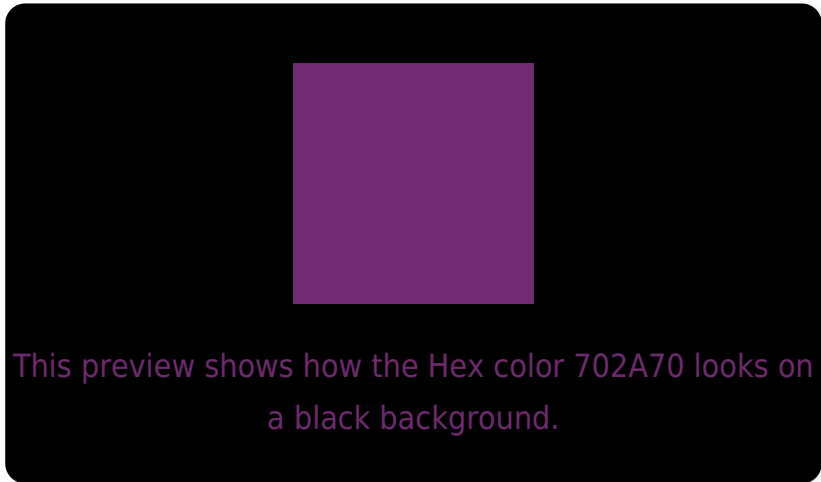
Large Text (above 18pt) WCAG AA ✓ Pass

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

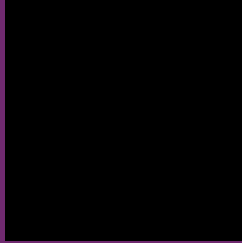
Any Text WCAG AA × Fail

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 702A70 Background



This preview shows how black text looks on a background with the Hex color 702A70.

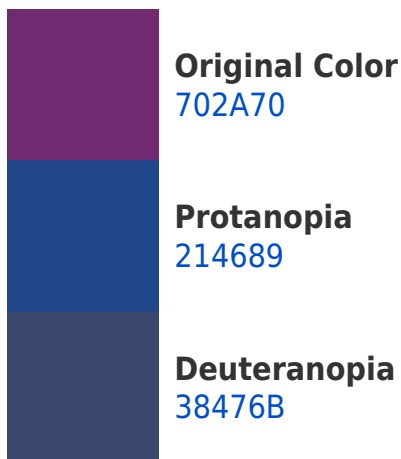



This preview shows how white text looks on a background with the Hex color 702A70.

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
6A393D

Trichromacy



Original Color
702A70

Protanomaly
3E3C80

Deuteranomaly
4C3C6D

Tritanomaly
6C3450

Monochromacy



Original Color
702A70

Achromatopsia
474747

Achromatomaly
563C56

CSS Examples

Text

The CSS property to change the color of the text to Hex 702A70 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 #702A70 looks like.

```
.text, #text, p{  
    color:#702A70  
}
```

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 #702A70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #702A70
}
```

Border

The CSS property to change the border of an element to Hex 702A70 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
#702A70 }
```

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

```
.border{ border-color:#702A70 }
```

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

Here you see how a box with a 4 pixel #702A70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #702A70; -webkit-box-shadow:4px 4px  
4px 4px #702A70; box-shadow:4px 4px 4px  
4px #702A70 }
```

Background

The CSS property to change the background color of an element to Hex 702A70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#702A70 }
```

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

```
.background{ background-color:#702A70 }
```

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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