

Converting Colors

Hex(712071)

Have a look what the booklet for
Hex(712071) contains.

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Color

Hex(712071)

Conversions

Conversions Part 1

Format	Color
Hex	712071
RGB	113, 32, 113
RGB Percent	44%, 13%, 44%
CMY	0.5569, 0.8745, 0.5569
CMYK	0.00, 0.72, 0.00, 0.56
HSL	300°, 56%, 28%
HSV	300°, 72%, 44%
XYZ	10.3072, 5.7360, 16.1867
YIQ	65.4530, 22.2750, 42.3630

Conversions

Conversions Part 2

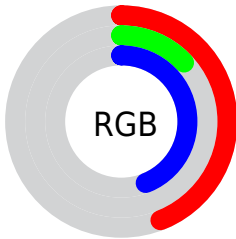
Format	Color
R_{YB}	113, 32, 113
Decimal	7413873
CIE _{Lab}	28.74, 45.61, -28.82
CIE _{LCh}	29, 53.948, 327.713
Yxy	5.7360, 0.3198, 0.1780
Android (android.graphics.Color)	4285603953 (0xFF712071)
YUV	65.4530, 23.4407, 41.6987
Hunter-Lab	23.9499, 34.9077, -23.3065

Details

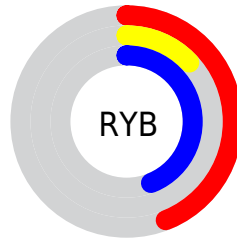
The Hex color **712071** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **207120**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **A754A5**, and **3D0040** is the 20% darker color. If you saturate the color by 10%, you get **711571**, and if you desaturate by 10%, it is **712B71**.

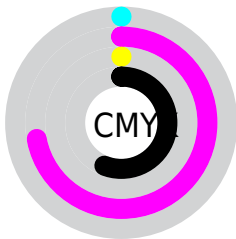
Distribution



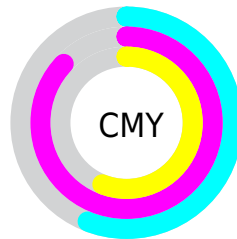
- Red (44%)
- Green (13%)
- Blue (44%)



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



- Cyan (0%)
- Magenta (72%)
- Yellow (0%)
- Black (56%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 712071 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 712071 by changing the saturation by 10% instead.

712071

712071

FFFFFF

570058

A754A5

3D0040

C36EC1

28002A

E089DD

000114

FDA4F9

000000

FFC0FF

FFDDFF

FFFAFF

712071

712071

■ 711571

■ 712B71

■ 710971

■ 713771

■ 710071

■ 714271

■ 714D71

■ 715971

■ 716471

■ 716F71

■ 717A71

■ 718671

Harmonies

Analogous

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



343A8F



712071



880049

Triad

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



712071



574100



00556A

Complementary

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



712071



207120

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.



00553F



712071



2E4C00

Square

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



712071



752E00



005212



00538B

Rectangle

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



712071



8A052D



005212



00555C

Sweetspot

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



712071



947394



202071



4A374A



C9C9C9



4A4A4A

Same Dimension

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



712071



941594



712049



383238



780078



F700F7

Inverse Universe

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



712071



941594



207149



383238



780078



F700F7

Previews

White Background



This preview shows how the Hex color 712071 looks on a white background.

Color Contrast Check

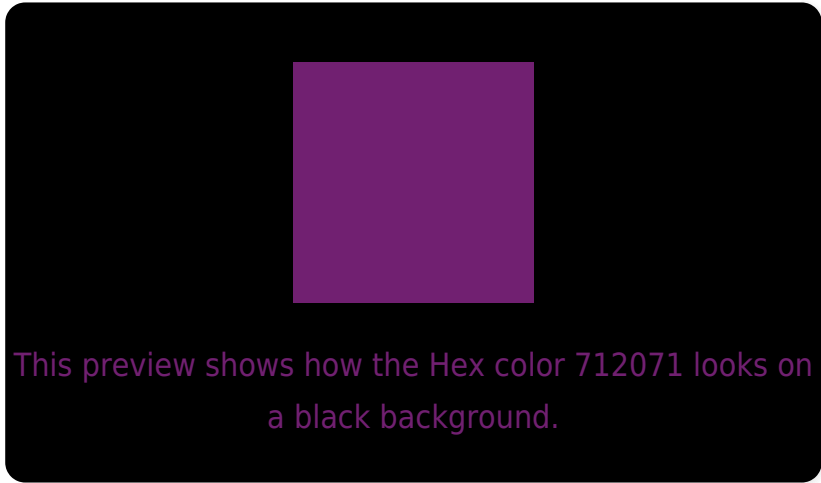
Large Text (above 18pt) WCAG AA ✓ Pass

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

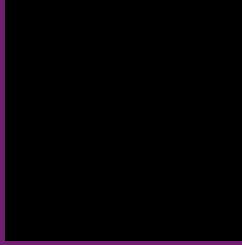
Any Text WCAG AA × Fail

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 712071 Background



This preview shows how black text looks on a background with the Hex color 712071.




This preview shows how white text looks on a background with the Hex color 712071.

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
6A3438

Trichromacy



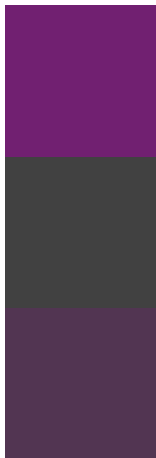
Original Color
712071

Protanomaly
293683

Deuteranomaly
48386D

Tritanomaly
6D2D4D

Monochromacy



Original Color
712071

Achromatopsia
414141

Achromatomaly
523552

CSS Examples

Text

The CSS property to change the color of the text to Hex 712071 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 #712071 looks like.

```
.text, #text, p{  
    color:#712071  
}
```

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 #712071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #712071
}
```

Border

The CSS property to change the border of an element to Hex 712071 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
#712071 }
```

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

```
.border{ border-color:#712071 }
```

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

Here you see how a box with a 4 pixel #712071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #712071; -webkit-box-shadow:4px 4px  
4px 4px #712071; box-shadow:4px 4px 4px  
4px #712071 }
```

Background

The CSS property to change the background color of an element to Hex 712071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#712071 }
```

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

```
.background{ background-color:#712071 }
```

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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