

Converting Colors

Hex(712271)

Have a look what the booklet for
Hex(712271) contains.

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Color

Hex(712271)

Conversions

Conversions Part 1

Format	Color
Hex	712271
RGB	113, 34, 113
RGB Percent	44%, 13%, 44%
CMY	0.5569, 0.8667, 0.5569
CMYK	0.00, 0.70, 0.00, 0.56
HSL	300°, 54%, 29%
HSV	300°, 70%, 44%
XYZ	10.3627, 5.8470, 16.2052
YIQ	66.6270, 21.7250, 41.3170

Conversions

Conversions Part 2

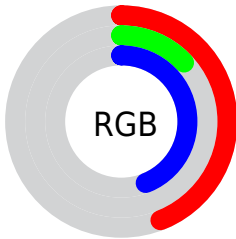
Format	Color
R_{YB}	113, 34, 113
Decimal	7414385
CIE _{Lab}	29.02, 44.80, -28.36
CIE _{LCh}	29, 53.021, 327.660
Yxy	5.8470, 0.3197, 0.1804
Android (android.graphics.Color)	4285604465 (0xFF712271)
YUV	66.6270, 22.8619, 40.6691
Hunter-Lab	24.1806, 34.1809, -22.8081

Details

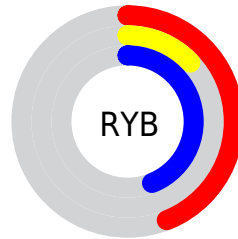
The Hex color **712271** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **227122**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **A756A5**, and **3E0040** is the 20% darker color. If you saturate the color by 10%, you get **711771**, and if you desaturate by 10%, it is **712D71**.

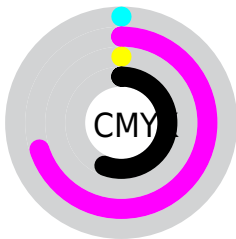
Distribution



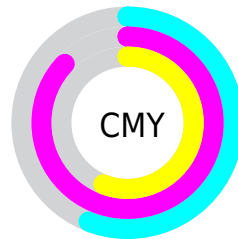
- Red (44%)
- Green (13%)
- Blue (44%)



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



- Cyan (0%)
- Magenta (70%)
- Yellow (0%)
- Black (56%)




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

Brightness & Saturation Gradients

These gradients show how the Hex color 712271 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 712271 by changing the saturation by 10% instead.

 712271

 712271

FFFFFF

 570158

 A756A5

 3E0040

 C370C1

 28002A

 E08BDD

 000114


 FDA6F9

 000000

 FFC2FF

 FFDEFF

 FFFBFF

 712271

 712271

■ 711771

■ 712D71

■ 710B71

■ 713971

■ 710071

■ 714471

■ 714F71

■ 715A71

■ 716671

■ 717171

■ 717C71

■ 718871

Harmonies

Analogous

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



363B8E



712271



880549

Triad

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



712271



574200



00566A

Complementary

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



712271



227122

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.



005540



712271



2F4D00

Square

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



712271



752F00



005313



00538A

Rectangle

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



712271



8A0B2E



005313



00565C

Sweetspot

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



712271



947594



222271



4A374A



C9C9C9



4A4A4A

Same Dimension

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



712271



941894



71224A



383238



780078



F700F7

Inverse Universe

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



712271



941894



22714A



383238



780078



F700F7

Previews

White Background



This preview shows how the Hex color 712271 looks on a white background.

Color Contrast Check

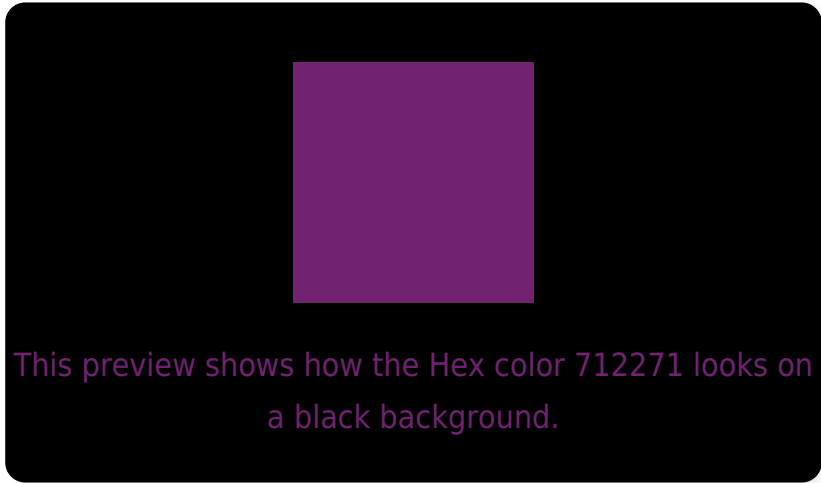
Large Text (above 18pt) WCAG AA ✓ Pass

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

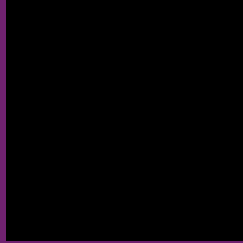
Any Text WCAG AA × Fail

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 712271 Background



This preview shows how black text looks on a background with the Hex color 712271.




This preview shows how white text looks on a background with the Hex color 712271.

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
6B3539

Trichromacy



Original Color

712271



Protanomaly

293784



Deuteranomaly

49386D



Tritanomaly

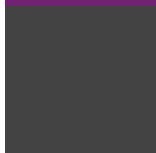
6D2E4D

Monochromacy



Original Color

712271



Achromatopsia

434343



Achromatomaly

543754

CSS Examples

Text

The CSS property to change the color of the text to Hex 712271 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 #712271 looks like.

```
.text, #text, p{  
    color:#712271  
}
```

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 #712271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #712271
}
```

Border

The CSS property to change the border of an element to Hex 712271 is called "border". The border property can be set on classes, ids or directly on the HTML element.

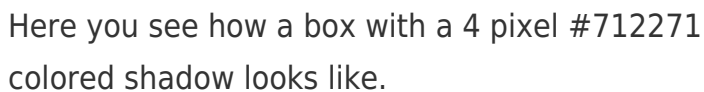
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#712271 }
```

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

```
.border{ border-color:#712271 }
```

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



Here you see how a box with a 4 pixel #712271 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #712271; -webkit-box-shadow:4px 4px  
4px 4px #712271; box-shadow:4px 4px 4px  
4px #712271 }
```

Background

The CSS property to change the background color of an element to Hex 712271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#712271 }
```

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

```
.background{ background-color:#712271 }
```

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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