

Converting Colors

Hex(712A5F)

Have a look what the booklet for
Hex(712A5F) contains.

Hex(712A5F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(712A5F)

Conversions

Conversions Part 1

Format	Color
Hex	712A5F
RGB	113, 42, 95
RGB Percent	44%, 16%, 37%
CMY	0.5569, 0.8353, 0.6275
CMYK	0.00, 0.63, 0.16, 0.56
HSL	315°, 46%, 30%
HSV	315°, 63%, 44%
XYZ	9.7036, 5.9929, 11.4718
YIQ	69.2710, 25.3030, 31.5350

Conversions

Conversions Part 2

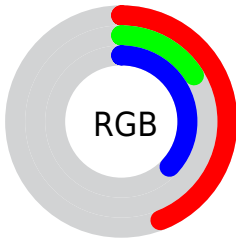
Format	Color
R_{YB}	113, 42, 95
Decimal	7416415
CIE _{Lab}	29.39, 38.02, -16.19
CIE _{LCh}	29, 41.327, 336.929
Yxy	5.9929, 0.3572, 0.2206
Android (android.graphics.Color)	4285606495 (0xFF712A5F)
YUV	69.2710, 12.6844, 38.3503
Hunter-Lab	24.4803, 27.9137, -10.6478

Details

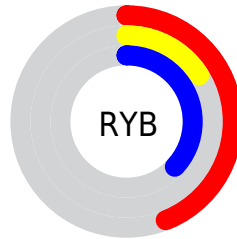
The Hex color **712A5F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2A713C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **A75C92**, and **3E0031** is the 20% darker color. If you saturate the color by 10%, you get **711F5C**, and if you desaturate by 10%, it is **713562**.

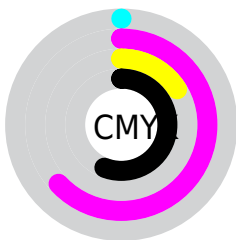
Distribution



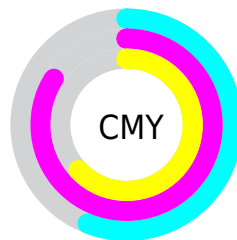
- Red (44%)
- Green (16%)
- Blue (37%)



- Red (44%)
- Yellow (16%)
- Blue (37%)



- Cyan (0%)
- Magenta (63%)
- Yellow (16%)
- Black (56%)



- Cyan (56%)
- Magenta (84%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 712A5F 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 712A5F by changing the saturation by 10% instead.

712A5F

712A5F

FFFFFF

570F47

A75C92

3E0031

C376AC

2A001C

DF90C8

000000

FDABE4

FFC7FF

FFE4FF

712A5F

712A5F

711F5C

713562

711359

714165

710856

714C68

710054

71576A

71626D

716E70

717973

718476

719079

Harmonies

Analogous

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



4F3979



712A5F



7E233F

Triad

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



712A5F



4E4600



00536B

Complementary

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



712A5F



2A713C

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.



00544C



712A5F



2B4E0B

Square

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



712A5F



683A04



00522B



004F80

Rectangle

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



712A5F



7C282A



00522B



005461

Sweetspot

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



712A5F



94788D



3C2A71



4A3946



C9C9C9



4A4A4A

Same Dimension

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



712A5F



942578



712A3C



383237



780059



F700B9

Inverse Universe

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



712A5F



942578



2A715F



383237



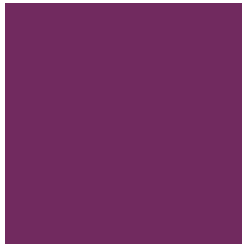
780059



F700B9

Previews

White Background



This preview shows how the Hex color 712A5F looks on a white background.

Color Contrast Check

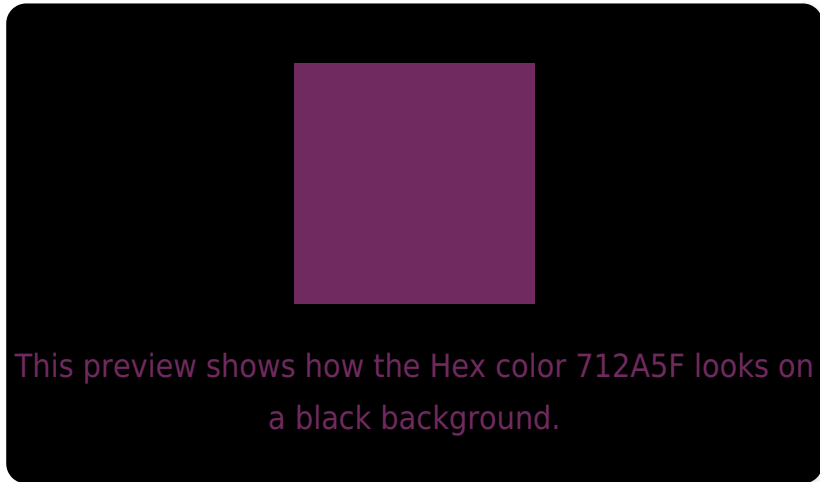
Large Text (above 18pt) WCAG AA ✓ Pass

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

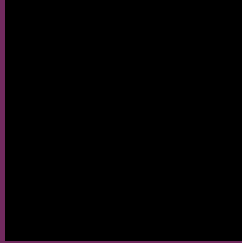
Any Text WCAG AA × Fail

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 712A5F Background



This preview shows how black text looks on a background with the Hex color 712A5F.




This preview shows how white text looks on a background with the Hex color 712A5F.

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
6D3438

Trichromacy



Original Color
712A5F

Protanomaly
4A3B6D

Deuteranomaly
533B5C

Tritanomaly
6E3046

Monochromacy



Original Color
712A5F

Achromatopsia
454545

Achromatomaly
553B4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 712A5F 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 #712A5F looks like.

```
.text, #text, p{  
    color:#712A5F  
}
```

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 #712A5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #712A5F
}
```

Border

The CSS property to change the border of an element to Hex 712A5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

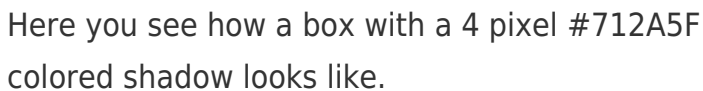
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#712A5F }
```

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

```
.border{ border-color:#712A5F }
```

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



Here you see how a box with a 4 pixel `#712A5F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #712A5F; -webkit-box-shadow:4px 4px  
4px 4px #712A5F; box-shadow:4px 4px 4px  
4px #712A5F }
```

Background

The CSS property to change the background color of an element to Hex 712A5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#712A5F }
```

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

```
.background{ background-color:#712A5F }
```

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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