

Converting Colors

Hex(712866)

Have a look what the booklet for
Hex(712866) contains.

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Color

Hex(712866)

Conversions

Conversions Part 1

Format	Color
Hex	712866
RGB	113, 40, 102
RGB Percent	44%, 16%, 40%
CMY	0.5569, 0.8431, 0.6000
CMYK	0.00, 0.65, 0.10, 0.56
HSL	309°, 48%, 30%
HSV	309°, 65%, 44%
XYZ	9.9671, 5.9876, 13.2008
YIQ	68.8950, 23.6060, 34.7580

Conversions

Conversions Part 2

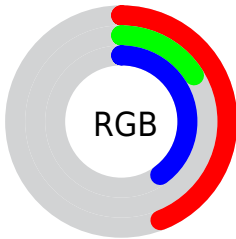
Format	Color
R_{YB}	113, 40, 102
Decimal	7415910
CIE _{Lab}	29.38, 40.18, -20.74
CIE _{LCh}	29, 45.214, 332.692
Yxy	5.9876, 0.3419, 0.2054
Android (android.graphics.Color)	4285605990 (0xFF712866)
YUV	68.8950, 16.3208, 38.6801
Hunter-Lab	24.4696, 29.8861, -14.8569

Details

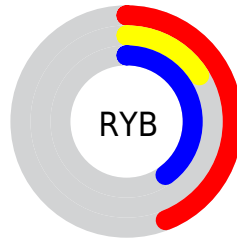
The Hex color **712866** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **287133**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **A75A99**, and **3E0037** is the 20% darker color. If you saturate the color by 10%, you get **711D64**, and if you desaturate by 10%, it is **713368**.

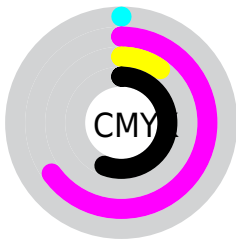
Distribution



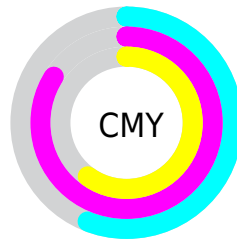
- Red (44%)
- Green (16%)
- Blue (40%)



- Red (44%)
- Yellow (16%)
- Blue (40%)



- Cyan (0%)
- Magenta (65%)
- Yellow (10%)
- Black (56%)



- Cyan (56%)
- Magenta (84%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 712866 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 712866 by changing the saturation by 10% instead.

712866

712866

FFFFFF

570C4E

A75A99

3E0037

C374B4

290022

DF8FD0

000006

FDAAEC

000000

FFC6FF

FFE2FF

712866

712866

711D64

713368

711163

713F69

710661

714A6B

710060

71556D

71616F

716C70

717772

718274

718E75

Harmonies

Analogous

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



473A81



712866



821D44

Triad

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



712866



524500



00546A

Complementary

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



712866



287133

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.



005547



712866



2E4E00

Square

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



712866



6D3700



005323



005184

Rectangle

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



712866



82212D



005323



00555F

Sweetspot

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



712866



947890



332871



4A3947



C9C9C9



4A4A4A

Same Dimension

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



712866



942183



712842



383237



780066



F700D2

Inverse Universe

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



712866



942183



287157



383237



780066



F700D2

Previews

White Background



This preview shows how the Hex color 712866 looks on a white background.

Color Contrast Check

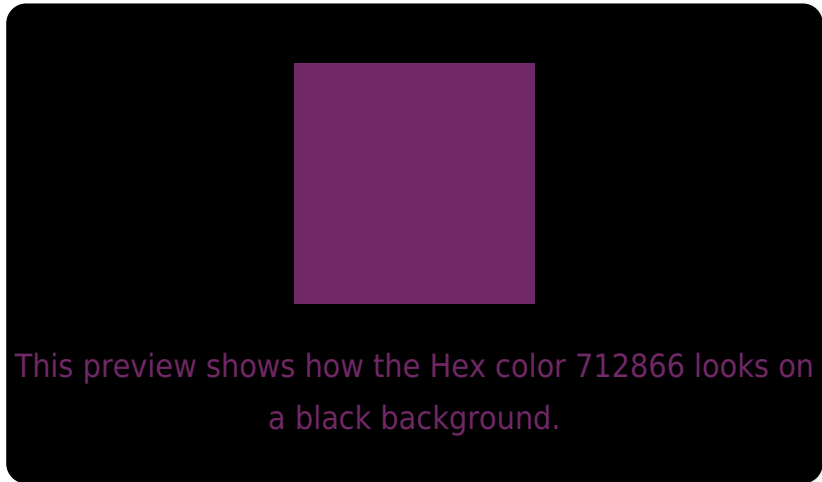
Large Text (above 18pt) WCAG AA ✓ Pass

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

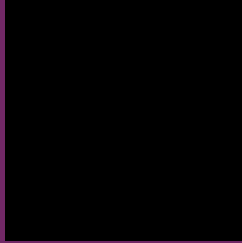
Any Text WCAG AA × Fail

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 712866 Background



This preview shows how black text looks on a background with the Hex color 712866.



This preview shows how white text looks on a background with the Hex color 712866.

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
6C3539

Trichromacy



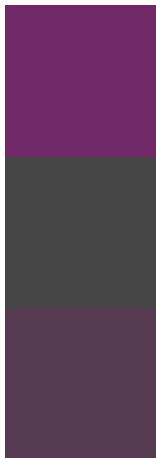
Original Color
712866

Protanomaly
443A75

Deuteranomaly
503A63

Tritanomaly
6E3049

Monochromacy



Original Color
712866

Achromatopsia
454545

Achromatomaly
553A51

CSS Examples

Text

The CSS property to change the color of the text to Hex 712866 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 #712866 looks like.

```
.text, #text, p{  
    color:#712866  
}
```

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 #712866 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #712866
}
```

Border

The CSS property to change the border of an element to Hex 712866 is called "border". The border property can be set on classes, ids or directly on the HTML element.

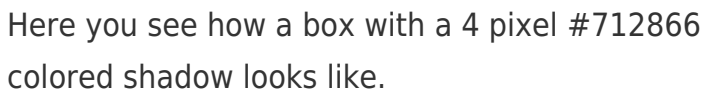
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#712866 }
```

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

```
.border{ border-color:#712866 }
```

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



Here you see how a box with a 4 pixel #712866 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #712866; -webkit-box-shadow:4px 4px  
4px 4px #712866; box-shadow:4px 4px 4px  
4px #712866 }
```

Background

The CSS property to change the background color of an element to Hex 712866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#712866 }
```

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

```
.background{ background-color:#712866 }
```

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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