

# Converting Colors

Hex(712880)

Have a look what the booklet for  
Hex(712880) contains.

<b>Hex(712880)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(712880)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	712880
RGB	113, 40, 128
RGB Percent	44%, 16%, 50%
CMY	0.5569, 0.8431, 0.4980
CMYK	0.12, 0.69, 0.00, 0.50
HSL	290°, 52%, 33%
HSV	290°, 69%, 50%
XYZ	11.4651, 6.5868, 21.0892
YIQ	71.8590, 15.2600, 42.8440

# Conversions

## Conversions Part 2

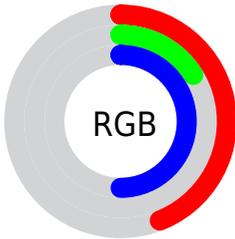
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 40, 128
Decimal	7415936
CIE <sub>Lab</sub>	30.85, 45.12, -34.95
CIE <sub>LCh</sub>	31, 57.072, 322.243
Yxy	6.5868, 0.2929, 0.1683
Android (android.graphics.Color)	4285606016 (0xFF712880)
YUV	71.8590, 27.6775, 36.0807
Hunter-Lab	25.6648, 34.8273, -30.7542

# Details

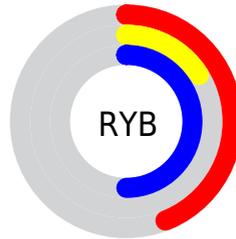
The Hex color **712880** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **378028**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **A75BB5**, and **3D004E** is the 20% darker color. If you saturate the color by 10%, you get **6F1B80**, and if you desaturate by 10%, it is **733580**.

# Distribution



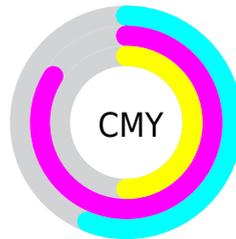
- Red (44%)
- Green (16%)
- Blue (50%)



- Red (44%)
- Yellow (16%)
- Blue (50%)



- Cyan (12%)
- Magenta (69%)
- Yellow (0%)
- Black (50%)



- Cyan (56%)
- Magenta (84%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 712880 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 712880 by changing the saturation by 10% instead.

 712880

 712880

FFFFFF

 570A67

 A75BB5

 3D004E

 C375D1

 280037

 E090EE

 000020

 FDABFF

 000005

 FFC7FF

 000000

 FFE4FF

 712880

 712880

 6F1B80

 733580

6D0E80

754280

6A0280

784E80

6A0080

7A5B80

7C6880

7E7580

808280

828E80

859B80

# Harmonies

## Analogous

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



1D429C



712880



900156

# Triad

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



712880



634300



005B69

# Complementary

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



712880



378028

# 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.



005A3B



712880



3B5000

# Square

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



712880



822D00



005707



00598F

# Rectangle

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



712880



950039



005707



005B5A

# Sweetspot

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



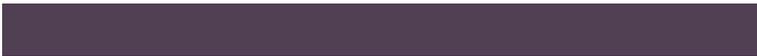
712880



A083A6



283880



513F54



D4D4D4



545454



# Same Dimension

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



712880



8E1CA6



802864



3F3940



6A0080



000000



# Inverse Universe

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



802837



A61C34



288044



40393A



800016

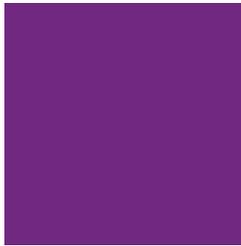


000000



# Previews

## White Background



This preview shows how the Hex color 712880 looks on a white background.

## Color Contrast Check

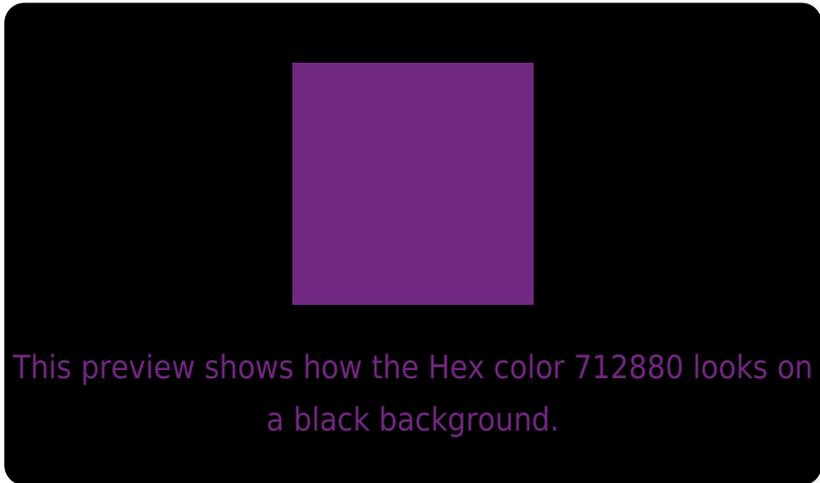
Large Text (above 18pt) WCAG AA ✓ Pass

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

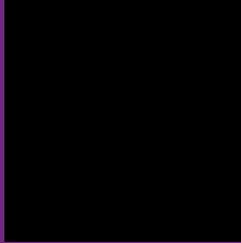
Any Text WCAG AA × Fail

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 712880 Background



This preview shows how black text looks on a background with the Hex color 712880.



This preview shows how white text looks on a background with the Hex color 712880.

# 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**  
693D41

# Trichromacy



**Original Color**  
712880

**Protanomaly**  
293C8F

**Deuteranomaly**  
433E7C

**Tritanomaly**  
6C3558

# Monochromacy



**Original Color**  
712880

**Achromatopsia**  
484848

**Achromatomaly**  
573C5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 712880 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 #712880 looks like.

```
.text, #text, p{  
    color:#712880  
}
```

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 #712880 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #712880
}
```

## Border

The CSS property to change the border of an element to Hex 712880 is called "border". The border property can be set on classes, ids or directly on the HTML element.

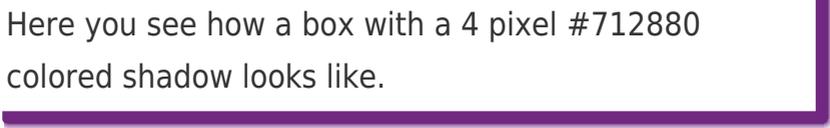
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#712880 }
```

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

```
.border{ border-color:#712880 }
```

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



Here you see how a box with a 4 pixel #712880 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #712880; -webkit-box-shadow:4px 4px  
4px 4px #712880; box-shadow:4px 4px 4px  
4px #712880 }
```

# Background

The CSS property to change the background color of an element to Hex 712880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#712880 }
```

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

```
.background{ background-color:#712880 }
```

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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