

Converting Colors

Hex(572D7A)

Have a look what the booklet for
Hex(572D7A) contains.

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Color

Hex(572D7A)

Conversions

Conversions Part 1

Format	Color
Hex	572D7A
RGB	87, 45, 122
RGB Percent	34%, 18%, 48%
CMY	0.6588, 0.8235, 0.5216
CMYK	0.29, 0.63, 0.00, 0.52
HSL	273°, 46%, 33%
HSV	273°, 63%, 48%
XYZ	8.3817, 5.3081, 18.9952
YIQ	66.3360, 0.3150, 32.8510

Conversions

Conversions Part 2

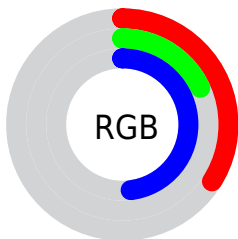
Format	Color
R_{YB}	87, 45, 122
Decimal	5713274
CIE Lab	27.60, 34.64, -36.59
CIE LCh	28, 50.387, 313.436
Yxy	5.3081, 0.2564, 0.1624
Android (android.graphics.Color)	4283903354 (0xFF572D7A)
YUV	66.3360, 27.4424, 18.1223
Hunter-Lab	23.0394, 24.6191, -32.7548

Details

The Hex color **572D7A** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **507A2D**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **8B5DAF**, and **250049** is the 20% darker color. If you saturate the color by 10%, you get **51217A**, and if you desaturate by 10%, it is **5D397A**.

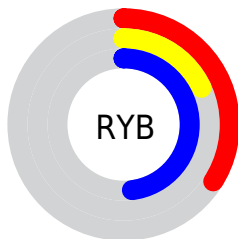
Distribution



Red (34%)

Green (18%)

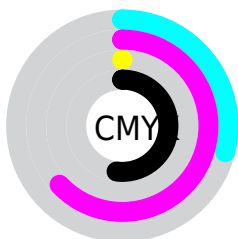
Blue (48%)



Red (34%)

Yellow (18%)

Blue (48%)

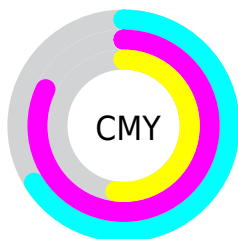


Cyan (29%)

Magenta (63%)

Yellow (0%)

Black (52%)



Cyan (66%)

Magenta (82%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 572D7A 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 572D7A by changing the saturation by 10% instead.

■ 572D7A

■ 572D7A

FFFFFF

■ 3E1661

■ 8B5DAF

■ 250049

■ A776CB

■ 0E0032

■ C291E7

■ 00011B

■ DFABFF

■ 000000

■ FCC7FF

■ FFE3FF

■ 572D7A

■ 572D7A

■ 51217A

■ 5D397A

■ 4C157A

■ 62457A

■ 46087A

■ 68527A

■ 43007A

■ 6D5E7A

■ 736A7A

■ 78767A

■ 7E827A

■ 838F7A

■ 899B7A

Harmonies

Analogous

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



00408D



572D7A



7A1358

Triad

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



572D7A



623700



005252

Complementary

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



572D7A



507A2D

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.



005029



572D7A



414500

Square

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



572D7A



79230C



0B4D00



005176

Rectangle

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



572D7A



83073E



0B4D00



005145

Sweetspot

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



572D7A



90809E



2D517A



473D4F



CFCFCF



4F4F4F

Same Dimension

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



572D7A



67269E



7A2D77



3A373D



44007D



8A00FC

Inverse Universe

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



7A2D50



9E265D



2D7A30



3D373A



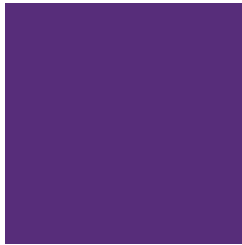
7D0039



FC0073

Previews

White Background



This preview shows how the Hex color 572D7A 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

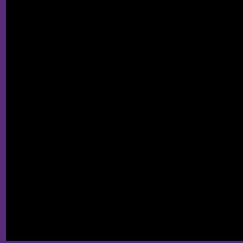
Any Text WCAG AA × Fail

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 572D7A Background



This preview shows how black text looks on a background with the Hex color 572D7A.



This preview shows how white text looks on a background with the Hex color 572D7A.

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



Original Color
572D7A

Protanopia
003F87

Deuteranopia
0E4376



Tritanopia
4D3D42

Trichromacy



Original Color
572D7A



Protanomaly
203882



Deuteranomaly
293B77



Tritanomaly
513756

Monochromacy



Original Color
572D7A



Achromatopsia
424242



Achromatomaly
4A3A56

CSS Examples

Text

The CSS property to change the color of the text to Hex 572D7A 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 #572D7A looks like.

```
.text, #text, p{  
    color:#572D7A  
}
```

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 #572D7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #572D7A
}
```

Border

The CSS property to change the border of an element to Hex 572D7A is called "border". The border property can be set on classes, ids or directly on the HTML element.

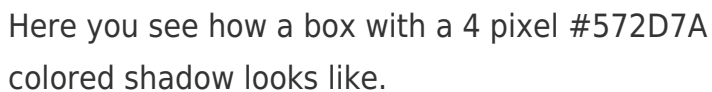
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#572D7A }
```

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

```
.border{ border-color:#572D7A }
```

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



Here you see how a box with a 4 pixel #572D7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #572D7A; -webkit-box-shadow:4px 4px  
4px 4px #572D7A; box-shadow:4px 4px 4px  
4px #572D7A }
```

Background

The CSS property to change the background color of an element to Hex 572D7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#572D7A }
```

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

```
.background{ background-color:#572D7A }
```

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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