

Converting Colors

Hex(552D7C)

Have a look what the booklet for
Hex(552D7C) contains.

Hex(552D7C)	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(552D7C)

Conversions

Conversions Part 1

Format	Color
Hex	552D7C
RGB	85, 45, 124
RGB Percent	33%, 18%, 49%
CMY	0.6667, 0.8235, 0.5137
CMYK	0.31, 0.64, 0.00, 0.51
HSL	270°, 47%, 33%
HSV	270°, 64%, 49%
XYZ	8.3228, 5.2633, 19.6460
YIQ	65.9660, -1.5190, 33.0490

Conversions

Conversions Part 2

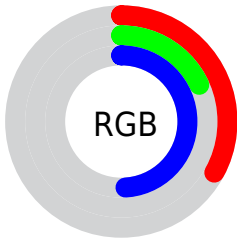
Format	Color
RYB	85, 45, 124
Decimal	5582204
CIELab	27.47, 34.65, -38.06
CIELCh	27, 51.473, 312.314
Yxy	5.2633, 0.2504, 0.1584
Android (android.graphics.Color)	4283772284 (0xFF552D7C)
YUV	65.9660, 28.6108, 16.6928
Hunter-Lab	22.9419, 24.6074, -34.7130

Details

The Hex color **552D7C** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **547C2D**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **895DB1**, and **22004A** is the 20% darker color. If you saturate the color by 10%, you get **4F217C**, and if you desaturate by 10%, it is **5B397C**.

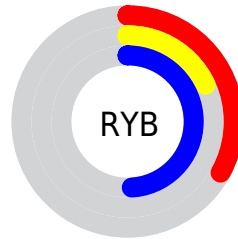
Distribution



Red (33%)

Green (18%)

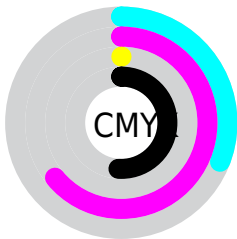
Blue (49%)



Red (33%)

Yellow (18%)

Blue (49%)

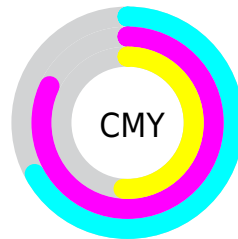


Cyan (31%)

Magenta (64%)

Yellow (0%)

Black (51%)



Cyan (67%)

Magenta (82%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 552D7C 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 552D7C by changing the saturation by 10% instead.

 552D7C

 552D7C

FFFFFF

 3C1663

 895DB1

 22004A

 A576CD

 0A0033

 C190E9

 00021D

 DDABFF

 000000

 FAC7FF

 FFE3FF

 552D7C

 552D7C

 4F217C

 5B397C

■ 49147C

■ 61467C

■ 43087C

■ 67527C

■ 3F007C

■ 6D5F7C

■ 746B7C

■ 7A777C

■ 80847C

■ 86907C

■ 8C9D7C

Harmonies

Analogous

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



00418F



552D7C



7A115A

Triad

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



552D7C



633600



005251

Complementary

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



552D7C



547C2D

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.



005027



552D7C



424400

Square

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



552D7C



7B200C



0C4C00



005176

Rectangle

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



552D7C



830240



0C4C00



005143

Sweetspot

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



552D7C



9282A1



2D557C



483F52



D1D1D1



525252

Same Dimension

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



552D7C



6427A1



7C2D7C



3A373D



3F007D



8000FC

Inverse Universe

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



7C2D54



A12763



2D7C2D



3D373A



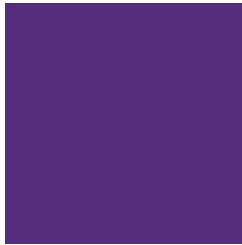
7D003E



FC007D

Previews

White Background



This preview shows how the Hex color 552D7C 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

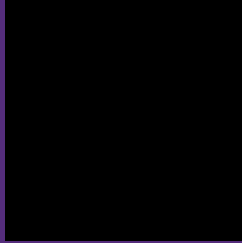
Any Text WCAG AA × Fail

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 552D7C Background



This preview shows how black text looks on a background with the Hex color 552D7C.



This preview shows how white text looks on a background with the Hex color 552D7C.

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
552D7C

Protanopia
003F86

Deuteranopia
004376



Tritanopia
4A3E43

Trichromacy



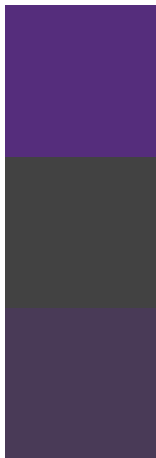
Original Color
552D7C

Protanomaly
1F3882

Deuteranomaly
1F3B78

Tritanomaly
4E3858

Monochromacy



Original Color
552D7C

Achromatopsia
424242

Achromatomaly
493A57

CSS Examples

Text

The CSS property to change the color of the text to Hex 552D7C 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 #552D7C looks like.

```
.text, #text, p{  
    color:#552D7C  
}
```

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 #552D7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #552D7C }  
}
```

Border

The CSS property to change the border of an element to Hex 552D7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

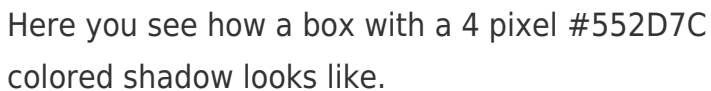
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #552D7C }  
}
```

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

```
.border{ border-color:#552D7C }
```

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



Here you see how a box with a 4 pixel #552D7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #552D7C; -webkit-box-shadow:4px 4px  
4px 4px #552D7C; box-shadow:4px 4px 4px  
4px #552D7C }
```

Background

The CSS property to change the background color of an element to Hex 552D7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#552D7C }
```

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

```
.background{ background-color:#552D7C }
```

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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