

Converting Colors

Hex(55317A)

Have a look what the booklet for
Hex(55317A) contains.

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Color

Hex(55317A)

Conversions

Conversions Part 1

Format	Color
Hex	55317A
RGB	85, 49, 122
RGB Percent	33%, 19%, 48%
CMY	0.6667, 0.8078, 0.5216
CMYK	0.30, 0.60, 0.00, 0.52
HSL	270°, 43%, 34%
HSV	270°, 60%, 48%
XYZ	8.3575, 5.5331, 19.0399
YIQ	68.0860, -1.9770, 30.3350

Conversions

Conversions Part 2

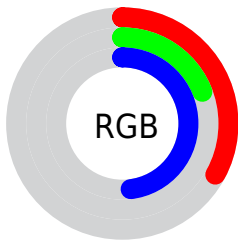
Format	Color
R_{YB}	85, 49, 122
Decimal	5583226
CIE _{Lab}	28.20, 31.81, -35.63
CIE _{LCh}	28, 47.764, 311.760
Yxy	5.5331, 0.2538, 0.1680
Android (android.graphics.Color)	4283773306 (0xFF55317A)
YUV	68.0860, 26.5796, 14.8336
Hunter-Lab	23.5225, 22.2563, -31.5256

Details

The Hex color **55317A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **567A31**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **8961AF**, and **230449** is the 20% darker color. If you saturate the color by 10%, you get **4F257A**, and if you desaturate by 10%, it is **5B3D7A**.

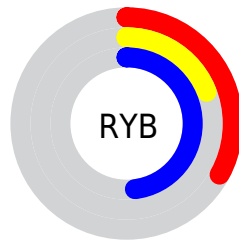
Distribution



Red (33%)

Green (19%)

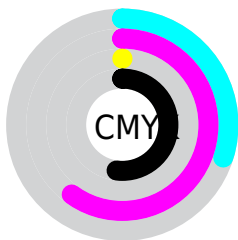
Blue (48%)



Red (33%)

Yellow (19%)

Blue (48%)

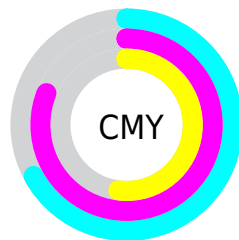


Cyan (30%)

Magenta (60%)

Yellow (0%)

Black (52%)



Cyan (67%)

Magenta (81%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55317A 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 55317A by changing the saturation by 10% instead.

■ 55317A

■ 55317A

FFFFFF

■ 3C1A61

■ 8961AF

■ 230449

■ A47ACB

■ 0E0032

■ C094E7

■ 00011C

■ DCAFFF

■ 000000

■ F9CBFF

■ FFE7FF

■ 55317A

■ 55317A

■ 4F257A

■ 5B3D7A

■ 49197A

■ 61497A

■ 420C7A

■ 68567A

■ 3C007A

■ 6E627A

■ 746E7A

■ 7A7A7A

■ 80867A

■ 86937A

■ 8D9F7A

Harmonies

Analogous

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



00428B



55317A



781C5A

Triad

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



55317A



643800



005351

Complementary

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



55317A



567A31

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.



00512A



55317A



454500

Square

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



55317A



7A2612



184D00



005273

Rectangle

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



55317A



811342



184D00



005244

Sweetspot

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



55317A



90829E



31577A



463E4F



CFCFCF



4F4F4F

Same Dimension

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



55317A



642C9E



79317A



3A373D



3E007D



7C00FC

Inverse Universe

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



7A3156



9E2C66



327A31



3D373A



7D003F



FC0080

Previews

White Background



This preview shows how the Hex color 55317A 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

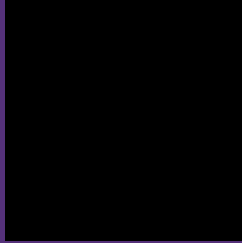
Any Text WCAG AA × Fail

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 55317A Background



This preview shows how black text looks on a background with the Hex color 55317A.



This preview shows how white text looks on a background with the Hex color 55317A.

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
4B4045

Trichromacy



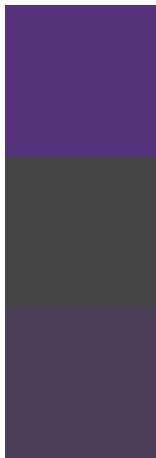
Original Color
55317A

Protanomaly
1F3B84

Deuteranomaly
2D3D77

Tritanomaly
4F3B58

Monochromacy



Original Color
55317A

Achromatopsia
444444

Achromatomaly
4A3D58

CSS Examples

Text

The CSS property to change the color of the text to Hex 55317A 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 #55317A looks like.

```
.text, #text, p{  
    color:#55317A  
}
```

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 #55317A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55317A
}
```

Border

The CSS property to change the border of an element to Hex 55317A is called "border". The border property can be set on classes, ids or directly on the HTML element.

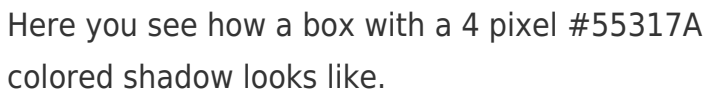
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#55317A }
```

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

```
.border{ border-color:#55317A }
```

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



Here you see how a box with a 4 pixel #55317A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55317A; -webkit-box-shadow:4px 4px  
4px 4px #55317A; box-shadow:4px 4px 4px  
4px #55317A }
```

Background

The CSS property to change the background color of an element to Hex 55317A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55317A }
```

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

```
.background{ background-color:#55317A }
```

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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