

Converting Colors

Hex(55477B)

Have a look what the booklet for
Hex(55477B) contains.

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Color

Hex(55477B)

Conversions

Conversions Part 1

Format	Color
Hex	55477B
RGB	85, 71, 123
RGB Percent	33%, 28%, 48%
CMY	0.6667, 0.7216, 0.5176
CMYK	0.31, 0.42, 0.00, 0.52
HSL	256°, 27%, 38%
HSV	256°, 42%, 48%
XYZ	9.5747, 7.8678, 19.7529
YIQ	81.1140, -8.3480, 19.1400

Conversions

Conversions Part 2

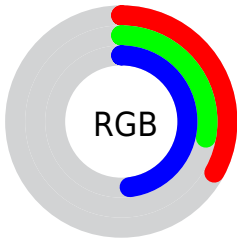
Format	Color
RYB	85, 71, 123
Decimal	5588859
CIELab	33.71, 18.40, -27.52
CIElCh	34, 33.102, 303.764
Yxy	7.8678, 0.2574, 0.2115
Android (android.graphics.Color)	4283778939 (0xFF55477B)
YUV	81.1140, 20.6498, 3.4080
Hunter-Lab	28.0497, 11.8438, -22.1179

Details

The Hex color **55477B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6D7B47**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **8878B0**, and **251B4A** is the 20% darker color. If you saturate the color by 10%, you get **4C3B7B**, and if you desaturate by 10%, it is **5E537B**.

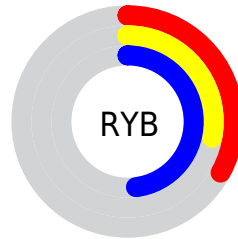
Distribution



Red (33%)

Green (28%)

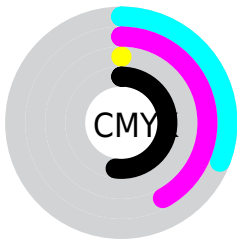
Blue (48%)



Red (33%)

Yellow (28%)

Blue (48%)

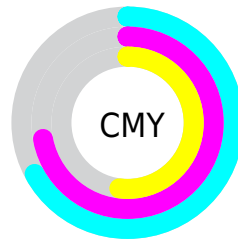


Cyan (31%)

Magenta (42%)

Yellow (0%)

Black (52%)



Cyan (67%)

Magenta (72%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55477B 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 55477B by changing the saturation by 10% instead.

■ 55477B

■ 55477B

FFFFFF

■ 3D3062

■ 8878B0

■ 251B4A

■ A391CB

■ 100333

■ BEACE8

■ 00021D

■ DAC7FF

■ 000000

■ F7E3FF

■ 55477B

■ 55477B

■ 4C3B7B

■ 5E537B

■ 432E7B

■ 67607B

■ 3A227B

■ 706C7B

■ 31167B

■ 79787B

■ 28097B

■ 82847B

■ 21007B

■ 8B917B

■ 949D7B

■ 9DA97B

■ A6B67B

Harmonies

Analogous

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



215184



55477B



723D67

Triad

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



55477B



704520



005C52

Complementary

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



55477B



6D7B47

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.



195A37



55477B



5B4F18

Square

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



55477B



7D3C34



405621



005C6C

Rectangle

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



55477B



7C3956



405621



005C49

Sweetspot

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



55477B



918CA1



476D7B



484552



D1D1D1



525252

Same Dimension

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



55477B



654FA1



6F477B



39373D



22007D



4400FC

Inverse Universe

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



7B476D



A14F8B



537B47



3D373C



7D005B



FC00B8

Previews

White Background



This preview shows how the Hex color 55477B 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

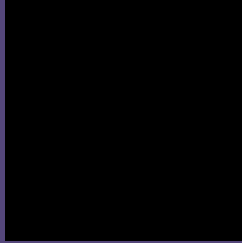
Any Text WCAG AA × Fail

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 55477B Background



This preview shows how black text looks on a background with the Hex color 55477B.



This preview shows how white text looks on a background with the Hex color 55477B.

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
55477B

Protanopia
3B4E81

Deuteranopia
3B4F79



Tritanopia
4D4F55

Trichromacy



Original Color
55477B

Protanomaly
444B7F

Deuteranomaly
444C7A

Tritanomaly
504C63

Monochromacy



Original Color
55477B

Achromatopsia
515151

Achromatomaly
524D60

CSS Examples

Text

The CSS property to change the color of the text to Hex 55477B 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 #55477B looks like.

```
.text, #text, p{  
    color:#55477B  
}
```

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 #55477B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55477B
}
```

Border

The CSS property to change the border of an element to Hex 55477B is called "border". The border property can be set on classes, ids or directly on the HTML element.

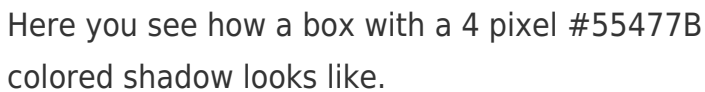
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#55477B }
```

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

```
.border{ border-color:#55477B }
```

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



Here you see how a box with a 4 pixel #55477B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55477B; -webkit-box-shadow:4px 4px  
4px 4px #55477B; box-shadow:4px 4px 4px  
4px #55477B }
```

Background

The CSS property to change the background color of an element to Hex 55477B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55477B }
```

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

```
.background{ background-color:#55477B }
```

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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