

Converting Colors

Hex(5F497A)

Have a look what the booklet for
Hex(5F497A) contains.

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Color

Hex(5F497A)

Conversions

Conversions Part 1

Format	Color
Hex	5F497A
RGB	95, 73, 122
RGB Percent	37%, 29%, 48%
CMY	0.6275, 0.7137, 0.5216
CMYK	0.22, 0.40, 0.00, 0.52
HSL	267°, 25%, 38%
HSV	267°, 40%, 48%
XYZ	10.6147, 8.6031, 19.5135
YIQ	85.1640, -2.6170, 19.9030

Conversions

Conversions Part 2

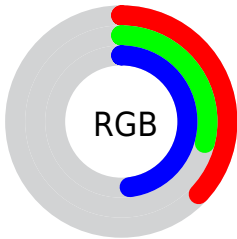
Format	Color
R_{YB}	95, 73, 122
Decimal	6244730
CIE _{Lab}	35.21, 20.06, -24.47
CIE _{LCh}	35, 31.639, 309.340
Yxy	8.6031, 0.2741, 0.2221
Android (android.graphics.Color)	4284434810 (0xFF5F497A)
YUV	85.1640, 18.1601, 8.6262
Hunter-Lab	29.3311, 13.2685, -18.9129

Details

The Hex color **5F497A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **647A49**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **927AAF**, and **2F1D49** is the 20% darker color. If you saturate the color by 10%, you get **583D7A**, and if you desaturate by 10%, it is **66557A**.

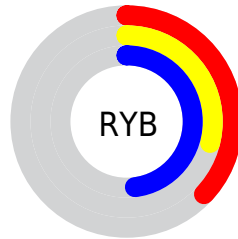
Distribution



Red (37%)

Green (29%)

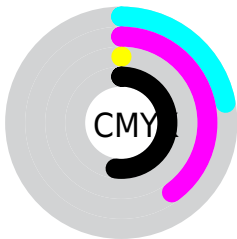
Blue (48%)



Red (37%)

Yellow (29%)

Blue (48%)

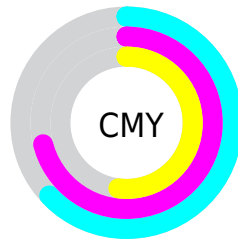


Cyan (22%)

Magenta (40%)

Yellow (0%)

Black (52%)



Cyan (63%)

Magenta (71%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F497A 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 5F497A by changing the saturation by 10% instead.

■ 5F497A

■ 5F497A

FFFFFF

■ 473261

■ 927AAF

■ 2F1D49

■ AD94CA

■ 190632

■ C9AFE6

■ 00021D

■ E5CAFF

■ 000000

■ FFE6FF

■ 5F497A

■ 5F497A

■ 583D7A

■ 66557A

■ 52317A

■ 6C617A

4B247A

736E7A

44187A

7A7A7A

3D0C7A

81867A

37007A

87927A

8E9E7A

95AB7A

9CB77A

Harmonies

Analogous

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



355385



5F497A



784065

Triad

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



5F497A



704B23



00605A

Complementary

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



5F497A



647A49

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.



175E40



5F497A



5A541F

Square

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



5F497A



7E4234



3F5A2A



005E72

Rectangle

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



5F497A



803D54



3F5A2A



005F51

Sweetspot

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



5F497A



948B9E



49657A



49444F



CFCFCF



4F4F4F

Same Dimension

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



5F497A



74529E



77497A



3A373D



38007D



7100FC

Inverse Universe

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



7A4964



9E527C



4C7A49



3D373A



7D0045



FC008B

Previews

White Background



This preview shows how the Hex color 5F497A 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

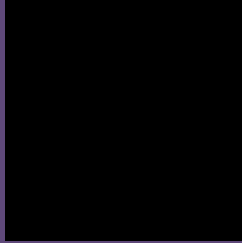
Any Text WCAG AA × Fail

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 5F497A Background



This preview shows how black text looks on a background with the Hex color 5F497A.

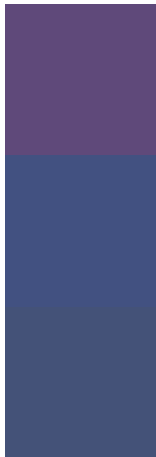


This preview shows how white text looks on a background with the Hex color 5F497A.

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
5F497A

Protanopia
425181

Deuteranopia
445278



Tritanopia
595157

Trichromacy



Original Color
5F497A

Protanomaly
4D4E7E

Deuteranomaly
4E4F79

Tritanomaly
5B4E64

Monochromacy



Original Color
5F497A

Achromatopsia
555555

Achromatomaly
595162

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F497A 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 #5F497A looks like.

```
.text, #text, p{  
    color:#5F497A  
}
```

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 #5F497A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F497A
}
```

Border

The CSS property to change the border of an element to Hex 5F497A is called "border". The border property can be set on classes, ids or directly on the HTML element.

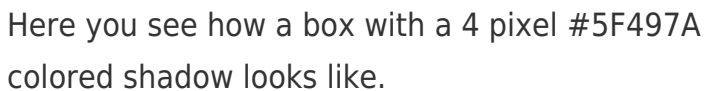
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F497A }
```

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

```
.border{ border-color:#5F497A }
```

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



Here you see how a box with a 4 pixel #5F497A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F497A; -webkit-box-shadow:4px 4px  
4px 4px #5F497A; box-shadow:4px 4px 4px  
4px #5F497A }
```

Background

The CSS property to change the background color of an element to Hex 5F497A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F497A }
```

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

```
.background{ background-color:#5F497A }
```

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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