

Converting Colors

Hex(5F4773)

Have a look what the booklet for
Hex(5F4773) contains.

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Color

Hex(5F4773)

Conversions

Conversions Part 1

Format	Color
Hex	5F4773
RGB	95, 71, 115
RGB Percent	37%, 28%, 45%
CMY	0.6275, 0.7216, 0.5490
CMYK	0.17, 0.38, 0.00, 0.55
HSL	273°, 24%, 36%
HSV	273°, 38%, 45%
XYZ	10.0671, 8.1772, 17.2674
YIQ	83.1920, 0.1800, 18.7720

Conversions

Conversions Part 2

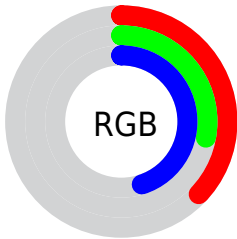
Format	Color
RYB	95, 71, 115
Decimal	6244211
CIELab	34.35, 19.55, -21.45
CIELCh	34, 29.018, 312.346
Yxy	8.1772, 0.2835, 0.2303
Android (android.graphics.Color)	4284434291 (0xFF5F4773)
YUV	83.1920, 15.6813, 10.3556
Hunter-Lab	28.5958, 12.7979, -15.7849

Details

The Hex color **5F4773** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **5B7347**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9278A7**, and **301B43** is the 20% darker color. If you saturate the color by 10%, you get **5A3C73**, and if you desaturate by 10%, it is **645373**.

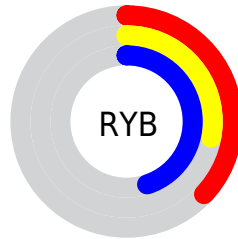
Distribution



 Red (37%)

 Green (28%)

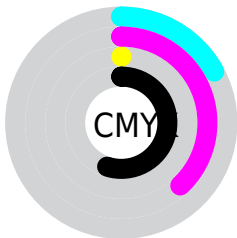
 Blue (45%)



 Red (37%)

 Yellow (28%)

 Blue (45%)

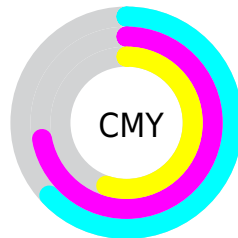


 Cyan (17%)

 Magenta (38%)

 Yellow (0%)

 Black (55%)



 Cyan (63%)

 Magenta (72%)

 Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F4773 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 5F4773 by changing the saturation by 10% instead.

■ 5F4773

■ 5F4773

FFFFFF

■ 47305A

■ 9278A7

■ 301B43

■ AD92C2

■ 1B032C

■ C9ACDE

■ 000117

■ E5C8FB

■ 000000

■ FFE4FF

■ 5F4773

■ 5F4773

■ 5A3C73

■ 645373

■ 553073

■ 695E73

■ 4F2573

■ 6F6A73

■ 4A1973

■ 747573

■ 450D73

■ 798173

■ 400273

■ 7E8C73

■ 3F0073

■ 849873

■ 89A373

■ 8EAF73

Harmonies

Analogous

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



3C507E



5F4773



743F5F

Triad

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



5F4773



6A4B24



005D5A

Complementary

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



5F4773



5B7347

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.



185C42



5F4773



555322

Square

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



5F4773



784233



3C582D



005B6F

Rectangle

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



5F4773



7B3D50



3C582D



005D52

Sweetspot

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



5F4773



8F8696



475C73



48434D



CCCCCC



4D4D4D

Same Dimension

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



5F4773



775196



734772



38353B



43007A



8800FA

Inverse Universe

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



73475B



965171



477348



3B3537



7A0038



FA0072

Previews

White Background



This preview shows how the Hex color 5F4773 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

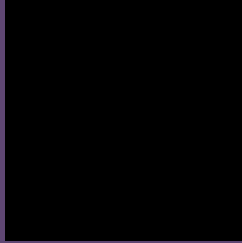
Any Text WCAG AA × Fail

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 5F4773 Background



This preview shows how black text looks on a background with the Hex color 5F4773.

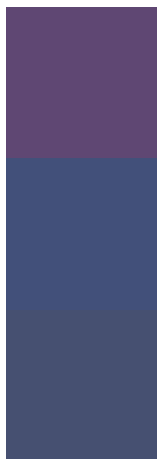


This preview shows how white text looks on a background with the Hex color 5F4773.

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
5F4773

Protanopia
42507A

Deuteranopia
465071



Tritanopia
5A4E54

Trichromacy



Original Color
5F4773

Protanomaly
4D4D77

Deuteranomaly
4F4D72

Tritanomaly
5C4B5F

Monochromacy



Original Color
5F4773

Achromatopsia
535353

Achromatomaly
574F5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F4773 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 #5F4773 looks like.

```
.text, #text, p{  
    color:#5F4773  
}
```

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 #5F4773 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4773  
}
```

Border

The CSS property to change the border of an element to Hex 5F4773 is called "border". The border property can be set on classes, ids or directly on the HTML element.

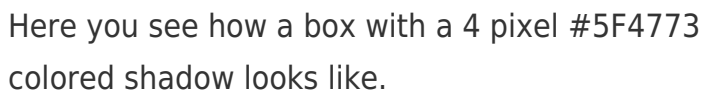
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5F4773 }
```

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

```
.border{ border-color:#5F4773 }
```

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



Here you see how a box with a 4 pixel #5F4773 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4773; -webkit-box-shadow:4px 4px  
4px 4px #5F4773; box-shadow:4px 4px 4px  
4px #5F4773 }
```

Background

The CSS property to change the background color of an element to Hex 5F4773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4773 }
```

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

```
.background{ background-color:#5F4773 }
```

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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