

Converting Colors

Hex(5F5074)

Have a look what the booklet for
Hex(5F5074) contains.

Hex(5F5074)	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(5F5074)

Conversions

Conversions Part 1

Format	Color
Hex	5F5074
RGB	95, 80, 116
RGB Percent	37%, 31%, 45%
CMY	0.6275, 0.6863, 0.5451
CMYK	0.18, 0.31, 0.00, 0.55
HSL	265°, 18%, 38%
HSV	265°, 31%, 45%
XYZ	10.7404, 9.4312, 17.7773
YIQ	88.5890, -2.6160, 14.3760

Conversions

Conversions Part 2

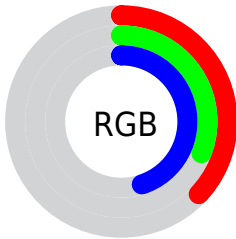
Format	Color
R_{YB}	95, 80, 116
Decimal	6246516
CIE _{Lab}	36.80, 14.14, -18.27
CIE _{LCh}	37, 23.104, 307.726
Yxy	9.4312, 0.2830, 0.2485
Android (android.graphics.Color)	4284436596 (0xFF5F5074)
YUV	88.5890, 13.5136, 5.6224
Hunter-Lab	30.7102, 8.6844, -12.8242

Details

The Hex color **5F5074** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **657450**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9281A8**, and **302344** is the 20% darker color. If you saturate the color by 10%, you get **584474**, and if you desaturate by 10%, it is **665C74**.

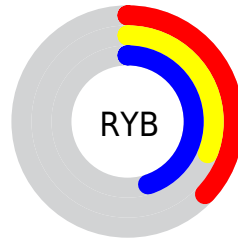
Distribution



Red (37%)

Green (31%)

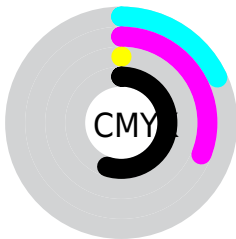
Blue (45%)



Red (37%)

Yellow (31%)

Blue (45%)

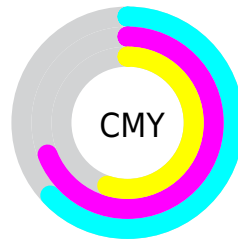


Cyan (18%)

Magenta (31%)

Yellow (0%)

Black (55%)



Cyan (63%)

Magenta (69%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F5074 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 5F5074 by changing the saturation by 10% instead.



5F5074



5F5074

FFFFFF



47395B



9281A8



302344



AD9BC3



1A0F2D



C8B6DF



000119



E4D2FC



000000



FFEEFF



5F5074



5F5074



584474



665C74



513974



6D6774

■ 4B2D74

■ 737374

■ 442274

■ 7A7E74

■ 3D1674

■ 818A74

■ 360A74

■ 889674

■ 300074

■ 8EA174

■ 95AD74

■ 9CB874

Harmonies

Analogous

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



44577B



5F5074



724A65

Triad

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



5F5074



6E5135



19615B

Complementary

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



5F5074



657450

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.



335F48



5F5074



5E5731

Square

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



5F5074



794B41



4A5C39



07606D

Rectangle

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



5F5074



794859



4A5C39



226054

Sweetspot

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



5F5074



8F8996



506574



48444D



CCCCCC



4D4D4D

Same Dimension

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



5F5074



765F96



715074



37353B



33007A



6800FA

Inverse Universe

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



745065



965F7F



537450



3B3538



7A0047



FA0092

Previews

White Background



This preview shows how the Hex color 5F5074 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

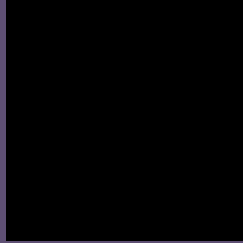
Any Text WCAG AA × Fail

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 5F5074 Background



This preview shows how black text looks on a background with the Hex color 5F5074.

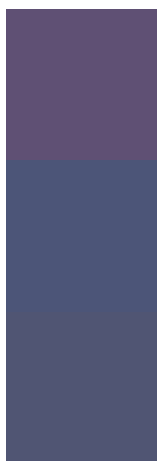


This preview shows how white text looks on a background with the Hex color 5F5074.

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
5F5074

Protanopia
4C5578

Deuteranopia
505573



Tritanopia
5B555B

Trichromacy



Original Color
5F5074

Protanomaly
535377

Deuteranomaly
555373

Tritanomaly
5C5364

Monochromacy



Original Color
5F5074

Achromatopsia
595959

Achromatomaly
5B5663

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F5074 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 #5F5074 looks like.

```
.text, #text, p{  
    color:#5F5074  
}
```

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 #5F5074 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F5074
}
```

Border

The CSS property to change the border of an element to Hex 5F5074 is called "border". The border property can be set on classes, ids or directly on the HTML element.

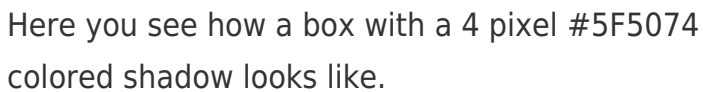
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F5074 }
```

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

```
.border{ border-color:#5F5074 }
```

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



Here you see how a box with a 4 pixel #5F5074 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F5074; -webkit-box-shadow:4px 4px  
4px 4px #5F5074; box-shadow:4px 4px 4px  
4px #5F5074 }
```

Background

The CSS property to change the background color of an element to Hex 5F5074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F5074 }
```

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

```
.background{ background-color:#5F5074 }
```

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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