

Converting Colors

Hex(5F4C68)

Have a look what the booklet for
Hex(5F4C68) contains.

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Color

Hex(5F4C68)

Conversions

Conversions Part 1

Format	Color
Hex	5F4C68
RGB	95, 76, 104
RGB Percent	37%, 30%, 41%
CMY	0.6275, 0.7020, 0.5922
CMYK	0.09, 0.27, 0.00, 0.59
HSL	281°, 16%, 35%
HSV	281°, 27%, 41%
XYZ	9.8024, 8.6013, 14.2403
YIQ	84.8730, 2.3360, 12.7360

Conversions

Conversions Part 2

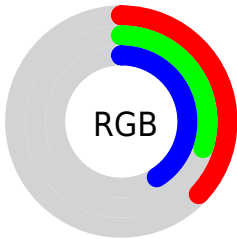
Format	Color
R_{YB}	95, 76, 104
Decimal	6245480
CIE _{Lab}	35.20, 13.77, -13.24
CIE _{LCh}	35, 19.097, 316.129
Yxy	8.6013, 0.3003, 0.2635
Android (android.graphics.Color)	4284435560 (0xFF5F4C68)
YUV	84.8730, 9.4296, 8.8814
Hunter-Lab	29.3279, 8.3374, -8.2589

Details

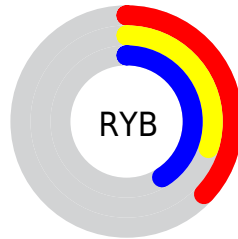
The Hex color **5F4C68** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **55684C**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **927D9B**, and **302039** is the 20% darker color. If you saturate the color by 10%, you get **5C4268**, and if you desaturate by 10%, it is **625668**.

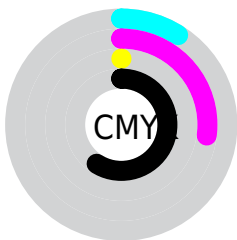
Distribution



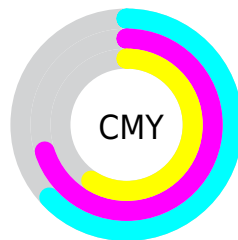
- Red (37%)
- Green (30%)
- Blue (41%)



- Red (37%)
- Yellow (30%)
- Blue (41%)



- Cyan (9%)
- Magenta (27%)
- Yellow (0%)
- Black (59%)



- Cyan (63%)
- Magenta (70%)
- Yellow (59%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F4C68 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 5F4C68 by changing the saturation by 10% instead.

■ 5F4C68

■ 5F4C68

FFFFFF

■ 473550

■ 927D9B

■ 302039

■ AC97B6

■ 1C0A23

■ C8B2D2

■ 00000C

■ E4CDEE

■ 000000

■ FFE9FF

■ 5F4C68

■ 5F4C68

■ 5C4268

■ 625668

■ 583768

■ 666168

■ 552D68

■ 696B68

■ 522268

■ 6C7668

■ 4E1868

■ 708068

■ 4B0E68

■ 738A68

■ 480368

■ 769568

■ 470068

■ 7A9F68

■ 7DAA68

Harmonies

Analogous

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



4B5170



5F4C68



6C485B

Triad

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



5F4C68



644F35



225B5B

Complementary

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



5F4C68



55684C

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.



325B4B



5F4C68



555435

Square

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



5F4C68



6E4A3D



44583D



225A68

Rectangle

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



5F4C68



714750



44583D



275B55

Sweetspot

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



5F4C68



847C87



4C5568



433E45



C4C4C4



454545

Same Dimension

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



5F4C68



795C87



684C63



312E33



4E0073



A400F2

Inverse Universe

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



684C55



875C6A



4C6851



332E30



730025



F2004E

Previews

White Background



This preview shows how the Hex color 5F4C68 looks on a white background.

Color Contrast Check

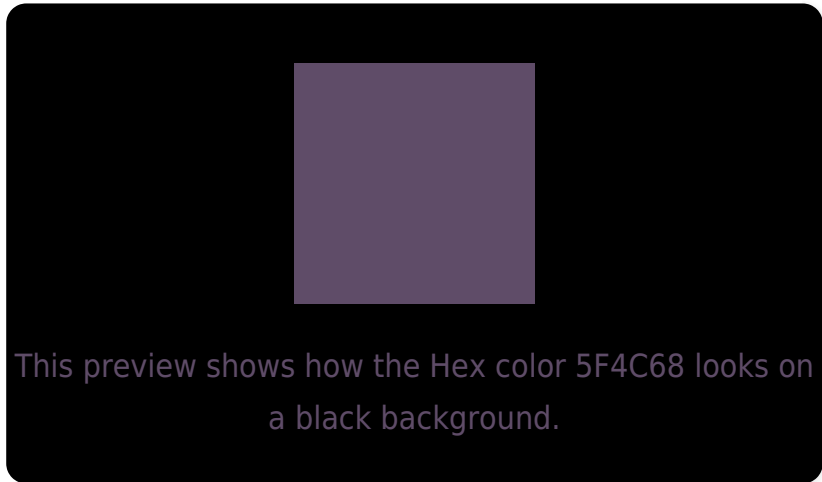
Large Text (above 18pt) WCAG AA ✓ Pass

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

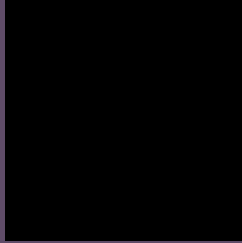
Any Text WCAG AA × Fail

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 5F4C68 Background



This preview shows how black text looks on a background with the Hex color 5F4C68.

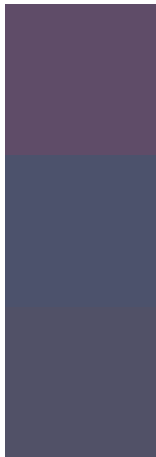


This preview shows how white text looks on a background with the Hex color 5F4C68.

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
5F4C68

Protanopia
4C526C

Deuteranopia
515167



Tritanopia
5C4F56

Trichromacy



Original Color
5F4C68

Protanomaly
53506B

Deuteranomaly
564F67

Tritanomaly
5D4E5D

Monochromacy



Original Color
5F4C68

Achromatopsia
555555

Achromatomaly
59525C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F4C68 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 #5F4C68 looks like.

```
.text, #text, p{  
    color:#5F4C68  
}
```

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 #5F4C68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4C68  
}
```

Border

The CSS property to change the border of an element to Hex 5F4C68 is called "border". The border property can be set on classes, ids or directly on the HTML element.

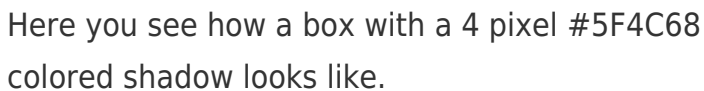
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5F4C68 }
```

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

```
.border{ border-color:#5F4C68 }
```

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



Here you see how a box with a 4 pixel #5F4C68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4C68; -webkit-box-shadow:4px 4px  
4px 4px #5F4C68; box-shadow:4px 4px 4px  
4px #5F4C68 }
```

Background

The CSS property to change the background color of an element to Hex 5F4C68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4C68 }
```

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

```
.background{ background-color:#5F4C68 }
```

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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