

Converting Colors

Hex(5F4F5A)

Have a look what the booklet for
Hex(5F4F5A) contains.

Hex(5F4F5A)	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(5F4F5A)

Conversions

Conversions Part 1

Format	Color
Hex	5F4F5A
RGB	95, 79, 90
RGB Percent	37%, 31%, 35%
CMY	0.6275, 0.6902, 0.6471
CMYK	0.00, 0.17, 0.05, 0.63
HSL	319°, 9%, 34%
HSV	319°, 17%, 37%
XYZ	9.3608, 8.7630, 10.8709
YIQ	85.0380, 6.0050, 6.8130

Conversions

Conversions Part 2

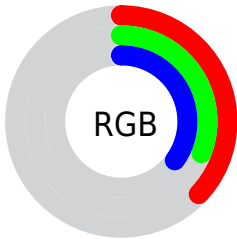
Format	Color
RYB	95, 79, 90
Decimal	6246234
CIELab	35.52, 8.82, -3.95
CIElCh	36, 9.659, 335.876
Yxy	8.7630, 0.3228, 0.3022
Android (android.graphics.Color)	4284436314 (0xFF5F4F5A)
YUV	85.0380, 2.4463, 8.7367
Hunter-Lab	29.6024, 4.6402, -1.0514




Details

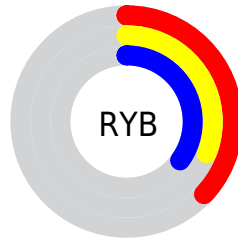
The Hex color **5F4F5A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4F5F54**, and the grayscale version is **555555**.




A 20% lighter version of the original color is **92808C**, and **31232C** is the 20% darker color. If you saturate the color by 10%, you get **5F4657**, and if you desaturate by 10%, it is **5F595D**.

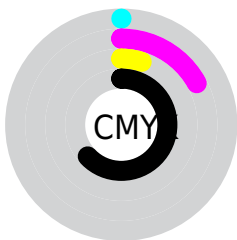
Distribution







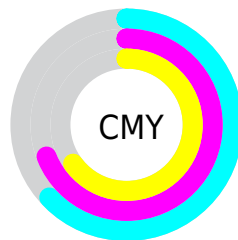
-  Red (37%)
-  Green (31%)
-  Blue (35%)






-  Red (37%)
-  Yellow (31%)
-  Blue (35%)



-  Cyan (0%)
-  Magenta (17%)
-  Yellow (5%)
-  Black (63%)



-  Cyan (63%)
-  Magenta (69%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F4F5A 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 5F4F5A by changing the saturation by 10% instead.

■ 5F4F5A

■ 5F4F5A

FFFFFF

■ 473843

■ 92808C

■ 31232C

■ AC9AA6

■ 1C0D18

■ C8B5C1

■ 000000

■ E4D1DD

■ FFEDFA

■ 5F4F5A

■ 5F4F5A

■ 5F4657

■ 5F595D

■ 5F3C54

■ 5F6260

■ 5F3351

■ 5F6C63

■ 5F294E

■ 5F7566

■ 5F204B

■ 5F7E69

■ 5F1648

■ 5F886C

■ 5F0D45

■ 5F926F

■ 5F0342

■ 5F9B72

■ 5F0041

■ 5FA575

Harmonies

Analogous

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



575160



5F4F5A



634E52

Triad

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



5F4F5A



585344



3F585C

Complementary

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



5F4F5A



4F5F54

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.



415855



5F4F5A



4F5647

Square

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



5F4F5A



5F5146



47574D



445661

Rectangle

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



5F4F5A



644F4D



47574D



3F585A

Sweetspot

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



5F4F5A



7A7478



544F5F



3D3A3C



BDBDBD



3D3D3D

Same Dimension

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



5F4F5A



7A6273



5F4F52



302C2F



70004D



F000A5

Inverse Universe

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



5F4F5A



7A6273



4F5F5C



302C2F



70004D



F000A5

Previews

White Background



This preview shows how the Hex color 5F4F5A looks on a white background.

Color Contrast Check

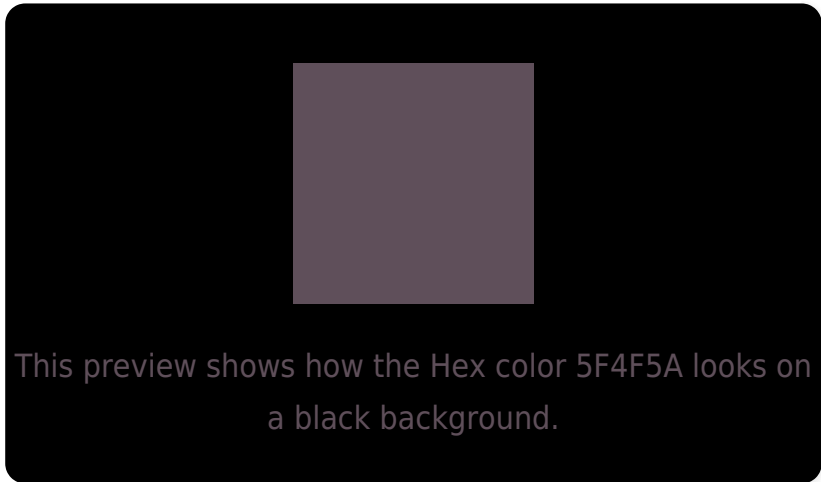
Large Text (above 18pt) WCAG AA ✓ Pass

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

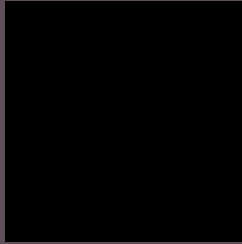
Any Text WCAG AA × Fail

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 5F4F5A Background



This preview shows how black text looks on a background with the Hex color 5F4F5A.



This preview shows how white text looks on a background with the Hex color 5F4F5A.

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
5F4F5A

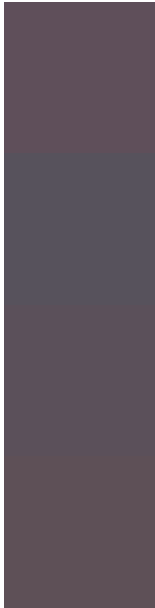
Protanopia
53535D

Deuteranopia
59515A



Tritanopia
5E5056

Trichromacy



Original Color

5F4F5A

Protanomaly

57525C

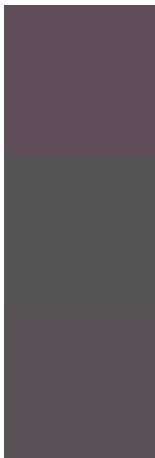
Deuteranomaly

5B505A

Tritanomaly

5E5057

Monochromacy



Original Color

5F4F5A

Achromatopsia

555555

Achromatomaly

595357

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F4F5A 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 #5F4F5A looks like.

```
.text, #text, p{  
    color:#5F4F5A  
}
```

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 #5F4F5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F4F5A
}
```

Border

The CSS property to change the border of an element to Hex 5F4F5A 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
#5F4F5A }
```

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

```
.border{ border-color:#5F4F5A }
```

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

Here you see how a box with a 4 pixel #5F4F5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F4F5A; -webkit-box-shadow:4px 4px  
4px 4px #5F4F5A; box-shadow:4px 4px 4px  
4px #5F4F5A }
```

Background

The CSS property to change the background color of an element to Hex 5F4F5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F4F5A }
```

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

```
.background{ background-color:#5F4F5A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor