

Converting Colors

Hex(5F5B52)

Have a look what the booklet for
Hex(5F5B52) contains.

| | |
|--|----|
| Hex(5F5B52) | 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(5F5B52)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 5F5B52 |
| RGB | 95, 91, 82 |
| RGB Percent | 37%, 36%, 32% |
| CMY | 0.6275, 0.6431, 0.6784 |
| CMYK | 0.00, 0.04, 0.14, 0.63 |
| HSL | 42°, 7%, 35% |
| HSV | 42°, 14%, 37% |
| XYZ | 9.9834, 10.5243, 9.4878 |
| YIQ | 91.1700, 5.2730, -1.9510 |

Conversions

Conversions Part 2

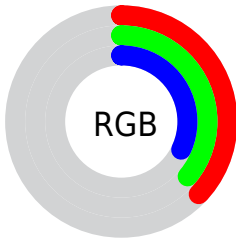
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 88, 95, 82 |
| Decimal | 6249298 |
| CIE Lab | 38.77, -0.15, 5.76 |
| CIE LCh | 39, 5.761, 91.535 |
| Yxy | 10.5243, 0.3328, 0.3509 |
| Android (android.graphics.Color) | 4284439378 (0xFF5F5B52) |
| YUV | 91.1700, -4.5208, 3.3589 |
| Hunter-Lab | 32.4411, -1.8406, 5.3686 |

Details

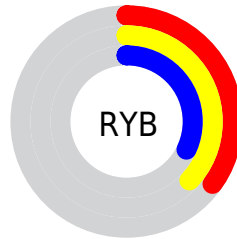
The Hex color **5F5B52** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **52565F**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **918D83**, and **312D25** is the 20% darker color. If you saturate the color by 10%, you get **5F5849**, and if you desaturate by 10%, it is **5F5E5C**.

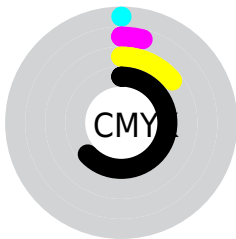
Distribution



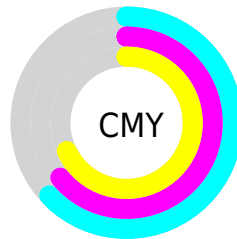
- Red (37%)
- Green (36%)
- Blue (32%)



- Red (35%)
- Yellow (37%)
- Blue (32%)



- Cyan (0%)
- Magenta (4%)
- Yellow (14%)
- Black (63%)



- Cyan (63%)
- Magenta (64%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F5B52 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 5F5B52 by changing the saturation by 10% instead.



5F5B52



5F5B52

FFFFFF



47443B



918D83



312D25



ACA79D



1C1911



C7C3B8



000000



E3DFD4



FFFBF0



5F5B52



5F5B52



5F5849



5F5E5C



5F553F



5F6165

■ 5F5236

■ 5F646F

■ 5F4F2C

■ 5F6778

■ 5F4C23

■ 5F6A82

■ 5F4919

■ 5F6D8B

■ 5F4710

■ 5F6F95

■ 5F4406

■ 5F729E

■ 5F4200

■ 5F75A8

Harmonies

Analogous

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



635A53



5F5B52



5A5C53

Triad

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



5F5B52



505E60



625960

Complementary

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



5F5B52



52565F

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.



5D5A63



5F5B52



525D63

Square

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



5F5B52



515E5B



575C64



65585B

Rectangle

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



5F5B52



565D55



575C64



605961

Sweetspot

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



5F5B52



7A7976



5F5256



3D3C3A



BDBDBD



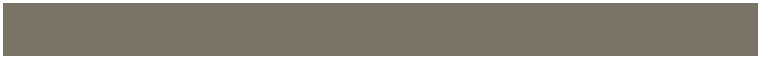
3D3D3D

Same Dimension

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



5F5B52



7A7467



5D5F52



302F2C



704E00



F0A600

Inverse Universe

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



52565F



676D7A



54525F



2C2D30



002370



004AF0

Previews

White Background



This preview shows how the Hex color 5F5B52 looks on a white background.

Color Contrast Check

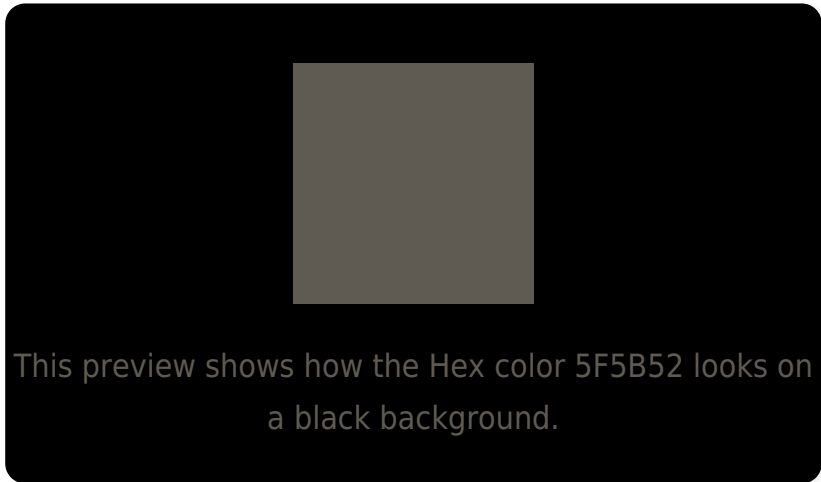
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

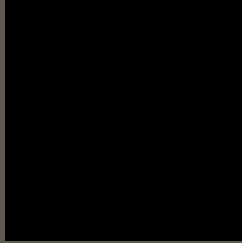
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

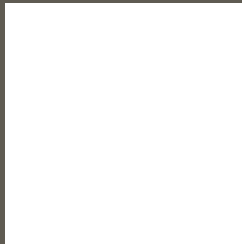
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5F5B52 Background



This preview shows how black text looks on a background with the Hex color 5F5B52.



This preview shows how white text looks on a background with the Hex color 5F5B52.

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
5F5B52

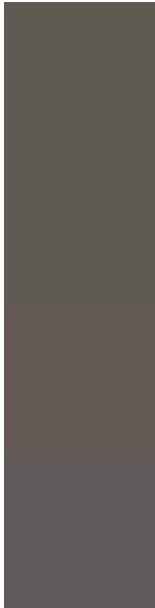
Protanopia
5F5B52

Deuteranopia
675853



Tritanopia
615960

Trichromacy



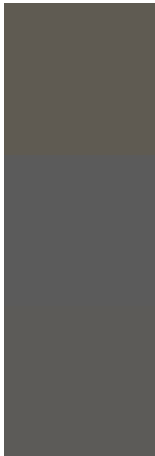
Original Color
5F5B52

Protanomaly
5F5B52

Deuteranomaly
645953

Tritanomaly
605A5B

Monochromacy



Original Color
5F5B52

Achromatopsia
5B5B5B

Achromatomaly
5C5B58

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F5B52 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 #5F5B52 looks like.

```
.text, #text, p{  
    color:#5F5B52  
}
```

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 #5F5B52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F5B52
}
```

Border

The CSS property to change the border of an element to Hex 5F5B52 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
#5F5B52 }
```

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

```
.border{ border-color:#5F5B52 }
```

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

Here you see how a box with a 4 pixel #5F5B52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F5B52; -webkit-box-shadow:4px 4px  
4px 4px #5F5B52; box-shadow:4px 4px 4px  
4px #5F5B52 }
```

Background

The CSS property to change the background color of an element to Hex 5F5B52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F5B52 }
```

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

```
.background{ background-color:#5F5B52 }
```

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