

Converting Colors

Hex(5A5147)

Have a look what the booklet for
Hex(5A5147) contains.

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Color

Hex(5A5147)

Conversions

Conversions Part 1

Format	Color
Hex	5A5147
RGB	90, 81, 71
RGB Percent	35%, 32%, 28%
CMY	0.6471, 0.6824, 0.7216
CMYK	0.00, 0.10, 0.21, 0.65
HSL	32°, 12%, 32%
HSV	32°, 21%, 35%
XYZ	8.2962, 8.5135, 7.1672
YIQ	82.5510, 8.5740, -1.2020

Conversions

Conversions Part 2

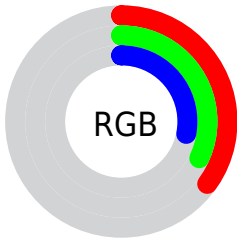
Format	Color
R_{YB}	88, 90, 71
Decimal	5919047
CIE _{Lab}	35.03, 1.84, 7.23
CIE _{LCh}	35, 7.459, 75.744
Yxy	8.5135, 0.3460, 0.3551
Android (android.graphics.Color)	4284109127 (0xFF5A5147)
YUV	82.5510, -5.6946, 6.5328
Hunter-Lab	29.1778, -0.3078, 5.8605

Details

The Hex color **5A5147** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **47505A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **8C8277**, and **2C251C** is the 20% darker color. If you saturate the color by 10%, you get **5A4D3E**, and if you desaturate by 10%, it is **5A5550**.

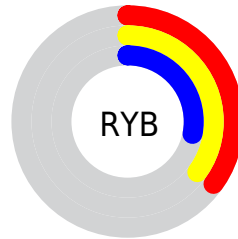
Distribution



Red (35%)

Green (32%)

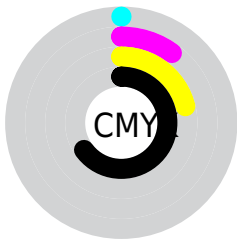
Blue (28%)



Red (35%)

Yellow (35%)

Blue (28%)

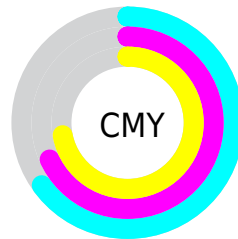


Cyan (0%)

Magenta (10%)

Yellow (21%)

Black (65%)



Cyan (65%)

Magenta (68%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A5147 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 5A5147 by changing the saturation by 10% instead.

■ 5A5147

■ 5A5147

FFFFFF

■ 423A31

■ 8C8277

■ 2C251C

■ A79C91

■ 190F01

■ C2B7AC

■ 000000

■ DED3C7

■ FAEFE3

■ 5A5147

■ 5A5147

■ 5A4D3E

■ 5A5550

■ 5A4835

■ 5A5A59

■ 5A442C

■ 5A5E62

■ 5A4023

■ 5A626B

■ 5A3C1A

■ 5A6674

■ 5A3711

■ 5A6B7D

■ 5A3308

■ 5A6F86

■ 5A2F00

■ 5A738F

■ 5A7798

Harmonies

Analogous

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



5E4F4A



5A5147



545347

Triad

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



5A5147



445655



57505B

Complementary

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



5A5147



47505A

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.



50525E



5A5147



44555B

Square

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



5A5147



47564F



49545E



5D4F55

Rectangle

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



5A5147



4F5449



49545E



55505C

Sweetspot

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



5A5147



75726E



5A4750



3B3937



BABABA



3B3B3B

Same Dimension

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



5A5147



756758



5A5A47



2E2C29



6E3A00



ED7D00

Inverse Universe

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



47505A



586675



47475A



292B2E



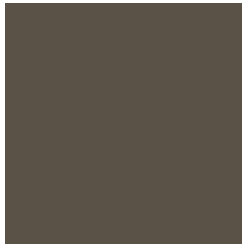
00346E



0070ED

Previews

White Background



This preview shows how the Hex color 5A5147 looks on a white background.

Color Contrast Check

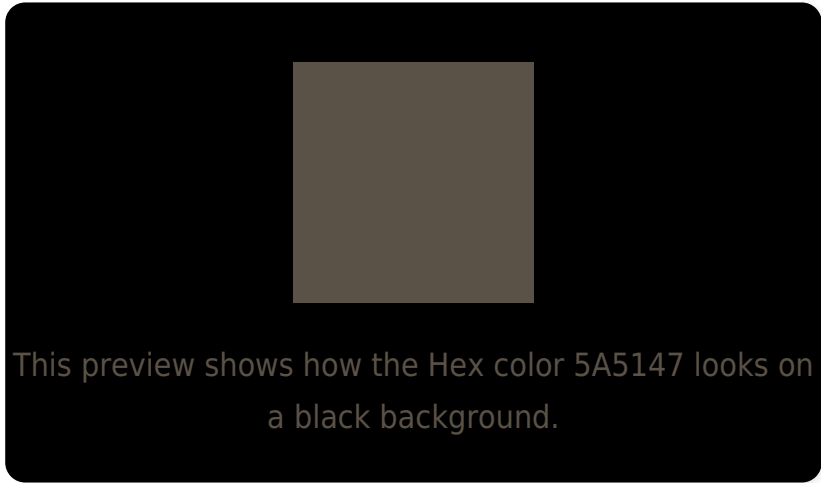
Large Text (above 18pt) WCAG AA ✓ Pass

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

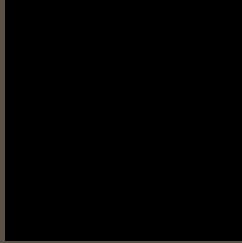
Any Text WCAG AA × Fail

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 5A5147 Background



This preview shows how black text looks on a background with the Hex color 5A5147.

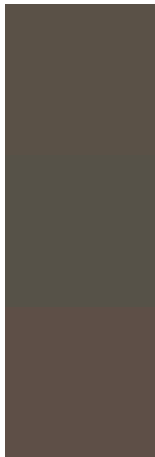


This preview shows how white text looks on a background with the Hex color 5A5147.

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
5A5147

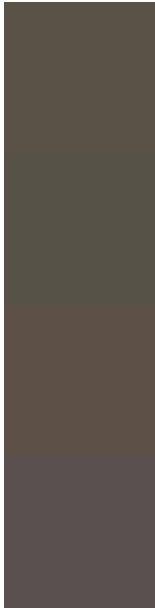
Protanopia
565248

Deuteranopia
5E4F47



Tritanopia
5C4F55

Trichromacy



Original Color
5A5147

Protanomaly
575248

Deuteranomaly
5D5047

Tritanomaly
5B5050

Monochromacy



Original Color
5A5147

Achromatopsia
535353

Achromatomaly
56524F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A5147 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 #5A5147 looks like.

```
.text, #text, p{  
    color:#5A5147  
}
```

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 #5A5147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A5147
}
```

Border

The CSS property to change the border of an element to Hex 5A5147 is called "border". The border property can be set on classes, ids or directly on the HTML element.

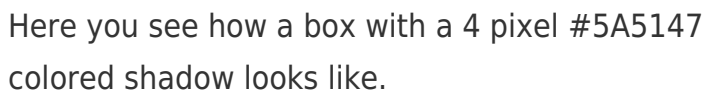
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A5147 }
```

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

```
.border{ border-color:#5A5147 }
```

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



Here you see how a box with a 4 pixel #5A5147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A5147; -webkit-box-shadow:4px 4px  
4px 4px #5A5147; box-shadow:4px 4px 4px  
4px #5A5147 }
```

Background

The CSS property to change the background color of an element to Hex 5A5147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A5147 }
```

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

```
.background{ background-color:#5A5147 }
```

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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