

Converting Colors

Hex(5A5A50)

Have a look what the booklet for
Hex(5A5A50) contains.

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Color

Hex(5A5A50)

Conversions

Conversions Part 1

Format	Color
Hex	5A5A50
RGB	90, 90, 80
RGB Percent	35%, 35%, 31%
CMY	0.6471, 0.6471, 0.6863
CMYK	0.00, 0.00, 0.11, 0.65
HSL	60°, 6%, 33%
HSV	60°, 11%, 35%
XYZ	9.3206, 10.0652, 9.0409
YIQ	88.8600, 3.2100, -3.1100

Conversions

Conversions Part 2

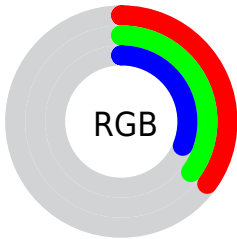
Format	Color
RYB	80, 90, 80
Decimal	5921360
CIELab	37.96, -2.01, 5.78
CIElCh	38, 6.120, 109.188
Yxy	10.0652, 0.3279, 0.3541
Android (android.graphics.Color)	4284111440 (0xFF5A5A50)
YUV	88.8600, -4.3680, 0.9998
Hunter-Lab	31.7257, -3.0790, 5.3119

Details

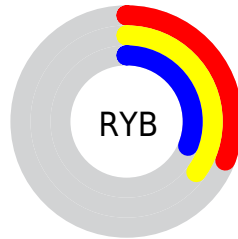
The Hex color **5A5A50** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **50505A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8C8C81**, and **2C2D24** is the 20% darker color. If you saturate the color by 10%, you get **5A5A47**, and if you desaturate by 10%, it is **5A5A59**.

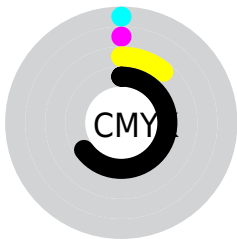
Distribution



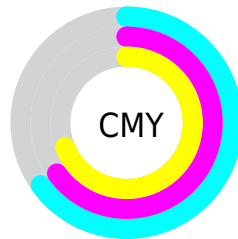
- Red (35%)
- Green (35%)
- Blue (31%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (11%)
- Black (65%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 5A5A50 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 5A5A50 by changing the saturation by 10% instead.

■ 5A5A50

■ 5A5A50

FFFFFF

■ 434339

■ 8C8C81

■ 2C2D24

■ A6A69B

■ 18180E

■ C2C1B6

■ 000000

■ DDDDD2

■ FAFAEE

■ 5A5A50

■ 5A5A50

■ 5A5A47

■ 5A5A59

■ 5A5A3E

■ 5A5A62

 5A5A35

 5A5A6B

 5A5A2C

 5A5A74

 5A5A23

 5A5A7D

 5A5A1A

 5A5A86

 5A5A11

 5A5A8F

 5A5A08

 5A5A98

 5A5A00

 5A5AA1

Harmonies

Analogous

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



5F5850



5A5A50



545B53

Triad

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



5A5A50



4E5C61



62565B

Complementary

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



5A5A50



50505A

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.



5E5760



5A5A50



525A63

Square

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



5A5A50



4D5C5C



585963



645656

Rectangle

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



5A5A50



515C56



585963



61565D

Sweetspot

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



5A5A50



757572



5A5050



3B3B38



BABABA



3B3B3B

Same Dimension

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



5A5A50



757566



555A50



2E2E29



6E6E00



EDED00

Inverse Universe

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



50505A



666675



55505A



29292E



00006E



0000ED

Previews

White Background



This preview shows how the Hex color 5A5A50 looks on a white background.

Color Contrast Check

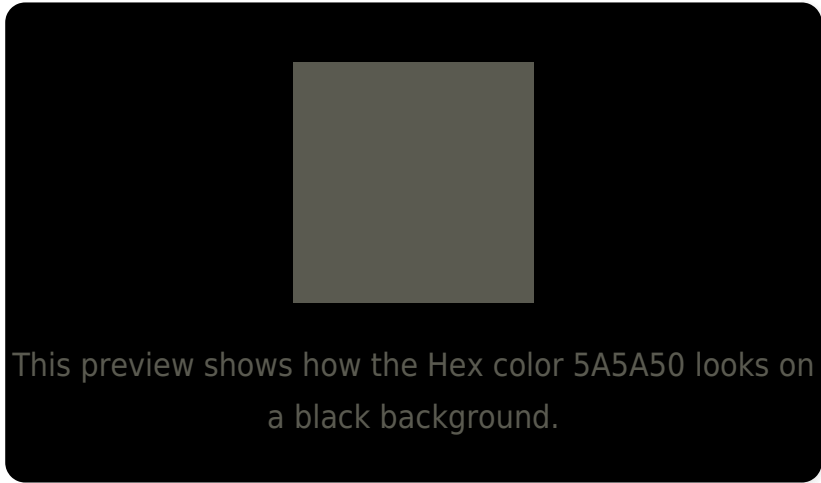
Large Text (above 18pt) WCAG AA ✓ Pass

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

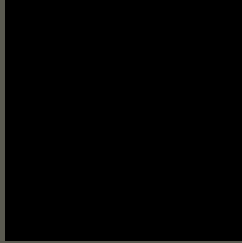
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

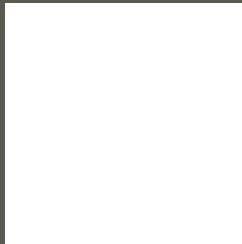
Any Text WCAG AAA × Fail

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

Hex 5A5A50 Background



This preview shows how black text looks on a background with the Hex color 5A5A50.



This preview shows how white text looks on a background with the Hex color 5A5A50.

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
5A5A50

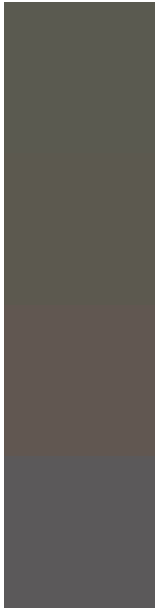
Protanopia
5D594F

Deuteranopia
655651



Tritanopia
5C585F

Trichromacy



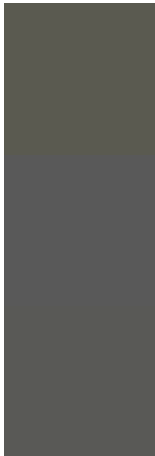
Original Color
5A5A50

Protanomaly
5C594F

Deuteranomaly
615751

Tritanomaly
5B595A

Monochromacy



Original Color
5A5A50

Achromatopsia
595959

Achromatomaly
595956

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A5A50 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 #5A5A50 looks like.

```
.text, #text, p{  
    color:#5A5A50  
}
```

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 #5A5A50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A5A50  
}
```

Border

The CSS property to change the border of an element to Hex 5A5A50 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  
#5A5A50 }
```

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

```
.border{ border-color:#5A5A50 }
```

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

Here you see how a box with a 4 pixel #5A5A50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A5A50; -webkit-box-shadow:4px 4px  
4px 4px #5A5A50; box-shadow:4px 4px 4px  
4px #5A5A50 }
```

Background

The CSS property to change the background color of an element to Hex 5A5A50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A5A50 }
```

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

```
.background{ background-color:#5A5A50 }
```

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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