

Converting Colors

Hex(5A5A44)

Have a look what the booklet for
Hex(5A5A44) contains.

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Color

Hex(5A5A44)

Conversions

Conversions Part 1

Format	Color
Hex	5A5A44
RGB	90, 90, 68
RGB Percent	35%, 35%, 27%
CMY	0.6471, 0.6471, 0.7333
CMYK	0.00, 0.00, 0.24, 0.65
HSL	60°, 14%, 31%
HSV	60°, 24%, 35%
XYZ	8.9160, 9.9033, 6.9105
YIQ	87.4920, 7.0620, -6.8420

Conversions

Conversions Part 2

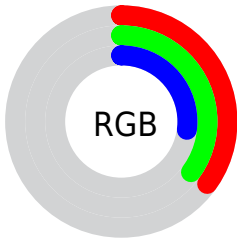
Format	Color
RYB	68, 90, 68
Decimal	5921348
CIELab	37.67, -4.14, 12.75
CIELCh	38, 13.411, 107.998
Yxy	9.9033, 0.3465, 0.3849
Android (android.graphics.Color)	4284111428 (0xFF5A5A44)
YUV	87.4920, -9.6096, 2.1995
Hunter-Lab	31.4696, -4.4989, 9.0091

Details

The Hex color **5A5A44** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **44445A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **8C8C74**, and **2C2D19** is the 20% darker color. If you saturate the color by 10%, you get **5A5A3B**, and if you desaturate by 10%, it is **5A5A4D**.

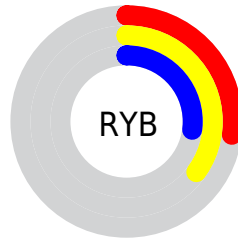
Distribution



 Red (35%)

 Green (35%)

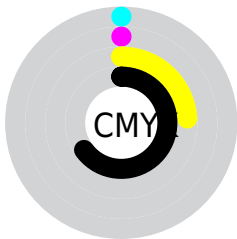
 Blue (27%)



 Red (27%)

 Yellow (35%)

 Blue (27%)

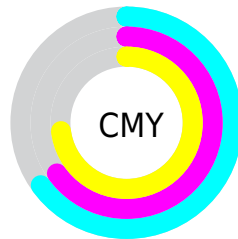


 Cyan (0%)

 Magenta (0%)

 Yellow (24%)

 Black (65%)



 Cyan (65%)

 Magenta (65%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A5A44 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 5A5A44 by changing the saturation by 10% instead.



5A5A44



5A5A44

FFFFFF



42432E



8C8C74



2C2D19



A7A68E



191800



C2C1A8



000000



DEDDC4



FBFADF

FFFFFFC



5A5A44



5A5A44



5A5A3B



5A5A4D

 5A5A32

 5A5A56

 5A5A29

 5A5A5F

 5A5A20

 5A5A68

 5A5A17

 5A5A71

 5A5A0E

 5A5A7A

 5A5A05

 5A5A83

 5A5A00

 5A5A8C

 5A5A95

Harmonies

Analogous

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



655644



5A5A44



4E5D4A

Triad

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



5A5A44



3C5E68



6C515D

Complementary

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



5A5A44



44445A

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.



625467



5A5A44



465B6E

Square

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



5A5A44



3B5F5F



55576D



6F5152

Rectangle

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



5A5A44



465E50



55576D



695261

Sweetspot

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



5A5A44



75756D



5A4444



3B3B36



BABABA



3B3B3B

Same Dimension

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



5A5A44



757553



4F5A44



2E2E29



6E6E00



EDED00

Inverse Universe

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



44445A



535375



4F445A



29292E



00006E



0000ED

Previews

White Background



This preview shows how the Hex color 5A5A44 looks on a white background.

Color Contrast Check

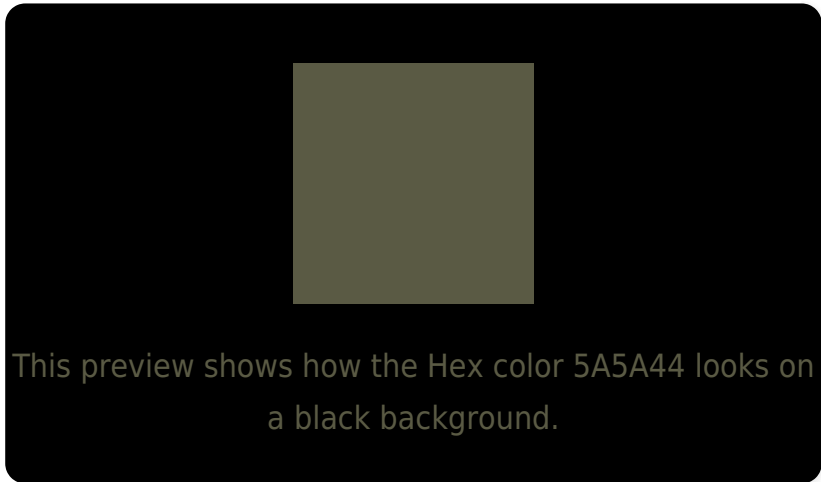
Large Text (above 18pt) WCAG AA ✓ Pass

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

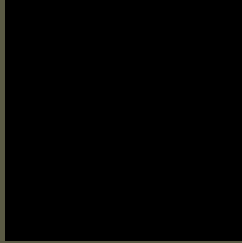
Any Text WCAG AA × Fail

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 5A5A44 Background



This preview shows how black text looks on a background with the Hex color 5A5A44.



This preview shows how white text looks on a background with the Hex color 5A5A44.

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
5A5A44

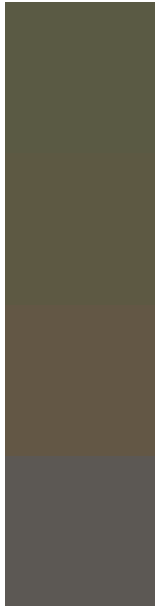
Protanopia
5F5843

Deuteranopia
685545



Tritanopia
5D575D

Trichromacy



Original Color

5A5A44

Protanomaly

5D5943

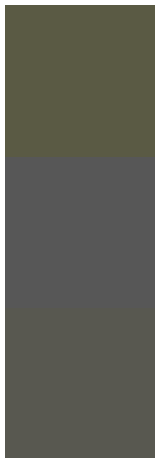
Deuteranomaly

635745

Tritanomaly

5C5854

Monochromacy



Original Color

5A5A44

Achromatopsia

575757

Achromatomaly

585850

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A5A44 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 #5A5A44 looks like.

```
.text, #text, p{  
    color:#5A5A44  
}
```

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 #5A5A44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A5A44
}
```

Border

The CSS property to change the border of an element to Hex 5A5A44 is called "border". The border property can be set on classes, ids or directly on the HTML element.

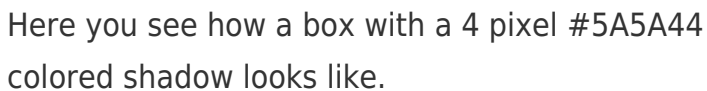
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A5A44 }
```

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

```
.border{ border-color:#5A5A44 }
```

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



Here you see how a box with a 4 pixel #5A5A44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A5A44; -webkit-box-shadow:4px 4px  
4px 4px #5A5A44; box-shadow:4px 4px 4px  
4px #5A5A44 }
```

Background

The CSS property to change the background color of an element to Hex 5A5A44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A5A44 }
```

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

```
.background{ background-color:#5A5A44 }
```

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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