

Converting Colors

Hex(5A645A)

Have a look what the booklet for
Hex(5A645A) contains.

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Color

Hex(5A645A)

Conversions

Conversions Part 1

Format	Color
Hex	5A645A
RGB	90, 100, 90
RGB Percent	35%, 39%, 35%
CMY	0.6471, 0.6078, 0.6471
CMYK	0.10, 0.00, 0.10, 0.61
HSL	120°, 5%, 37%
HSV	120°, 10%, 39%
XYZ	10.6191, 12.0262, 11.4345
YIQ	95.8700, -2.7500, -5.2300

Conversions

Conversions Part 2

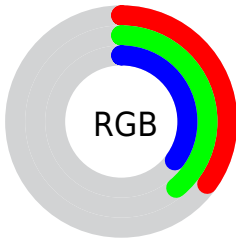
Format	Color
R_{YB}	90, 100, 100
Decimal	5923930
CIE Lab	41.26, -5.98, 4.36
CIE LCh	41, 7.405, 143.913
Yxy	12.0262, 0.3116, 0.3529
Android (android.graphics.Color)	4284114010 (0xFF5A645A)
YUV	95.8700, -2.8939, -5.1480
Hunter-Lab	34.6788, -6.0289, 4.7258

Details

The Hex color **5A645A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **645A64**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **8C978C**, and **2C352C** is the 20% darker color. If you saturate the color by 10%, you get **506450**, and if you desaturate by 10%, it is **646464**.

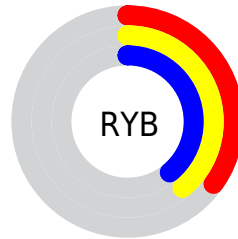
Distribution



Red (35%)

Green (39%)

Blue (35%)



Red (35%)

Yellow (39%)

Blue (39%)

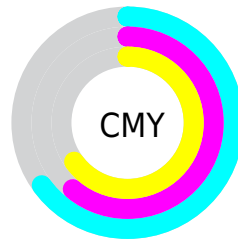


Cyan (10%)

Magenta (0%)

Yellow (10%)

Black (61%)



Cyan (65%)

Magenta (61%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A645A 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 5A645A by changing the saturation by 10% instead.

■ 5A645A

■ 5A645A

FFFFFF

■ 434C43

■ 8C978C

■ 2C352C

■ A6B2A6

■ 182018

■ C2CDC2

■ 000900

■ DEE9DD

■ 000000

■ FAFFFA

■ 5A645A

■ 5A645A

■ 506450

■ 646464

■ 466446

■ 6E646E

■ 3C643C

■ 786478

■ 326432

■ 826482

■ 286428

■ 8C648C

■ 1E641E

■ 966496

■ 146414

■ A064A0

■ 0A640A

■ AA64AA

■ 006400

■ B464B4

Harmonies

Analogous

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



616256



5A645A



546560

Triad

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



5A645A



59626D



6E5D5D

Complementary

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



5A645A



645A64

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.



6D5D63



5A645A



61606C

Square

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



5A645A



54646B



685E69



6C5F58

Rectangle

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



5A645A



526564



685E69



6E5D5F

Sweetspot

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



5A645A



7E827E



64645A



404240



C2C2C2



424242

Same Dimension

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



5A645A



728272



5A645F



2E332E



007300



00F200

Inverse Universe

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



645A64



827282



645A5F



332E33



730073



F200F2

Previews

White Background



This preview shows how the Hex color 5A645A looks on a white background.

Color Contrast Check

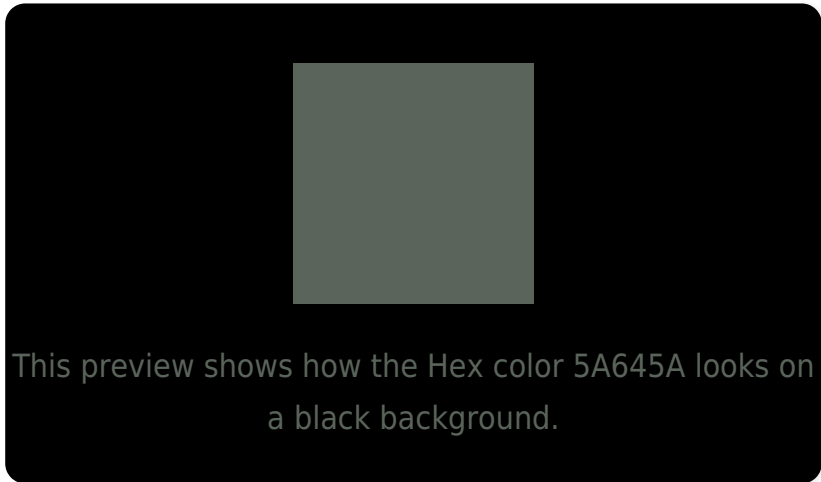
Large Text (above 18pt) WCAG AA ✓ Pass

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

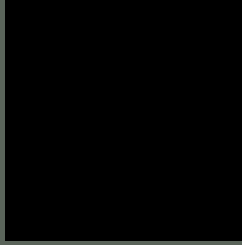
Any Text WCAG AA × Fail

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 5A645A Background



This preview shows how black text looks on a background with the Hex color 5A645A.

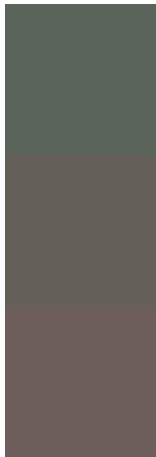


This preview shows how white text looks on a background with the Hex color 5A645A.

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
5A645A

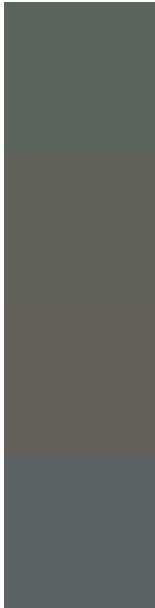
Protanopia
656158

Deuteranopia
6D5E5B



Tritanopia
5D6269

Trichromacy



Original Color

5A645A

Protanomaly

616259

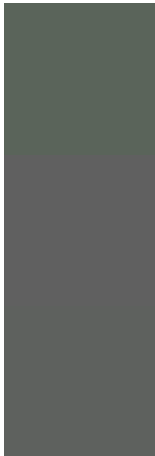
Deuteranomaly

66605B

Tritanomaly

5C6364

Monochromacy



Original Color

5A645A

Achromatopsia

606060

Achromatomaly

5E615E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A645A 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 #5A645A looks like.

```
.text, #text, p{  
    color:#5A645A  
}
```

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 #5A645A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A645A
}
```

Border

The CSS property to change the border of an element to Hex 5A645A is called "border". The border property can be set on classes, ids or directly on the HTML element.

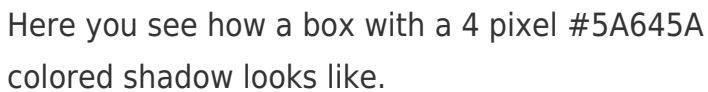
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A645A }
```

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

```
.border{ border-color:#5A645A }
```

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



Here you see how a box with a 4 pixel #5A645A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A645A; -webkit-box-shadow:4px 4px  
4px 4px #5A645A; box-shadow:4px 4px 4px  
4px #5A645A }
```

Background

The CSS property to change the background color of an element to Hex 5A645A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A645A }
```

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

```
.background{ background-color:#5A645A }
```

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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