

Converting Colors

Hex(5A705A)

Have a look what the booklet for
Hex(5A705A) contains.

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Color

Hex(5A705A)

Conversions

Conversions Part 1

Format	Color
Hex	5A705A
RGB	90, 112, 90
RGB Percent	35%, 44%, 35%
CMY	0.6471, 0.5608, 0.6471
CMYK	0.20, 0.00, 0.20, 0.56
HSL	120°, 11%, 40%
HSV	120°, 20%, 44%
XYZ	11.8561, 14.5002, 11.8468
YIQ	102.9140, -6.0500, -11.5060

Conversions

Conversions Part 2

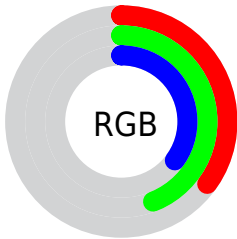
Format	Color
R _Y B	90, 112, 112
Decimal	5927002
CIE Lab	44.94, -12.85, 9.59
CIE LCh	45, 16.039, 143.268
Yxy	14.5002, 0.3103, 0.3796
Android (android.graphics.Color)	4284117082 (0xFF5A705A)
YUV	102.9140, -6.3666, -11.3256
Hunter-Lab	38.0791, -11.0618, 8.2097

Details

The Hex color **5A705A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **705A70**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **8CA48C**, and **2C402C** is the 20% darker color. If you saturate the color by 10%, you get **4F704F**, and if you desaturate by 10%, it is **657065**.

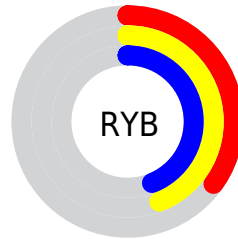
Distribution



Red (35%)

Green (44%)

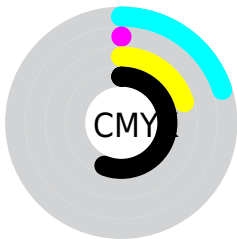
Blue (35%)



Red (35%)

Yellow (44%)

Blue (44%)

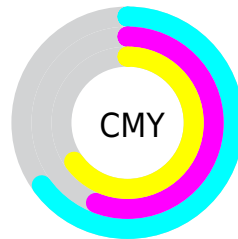


Cyan (20%)

Magenta (0%)

Yellow (20%)

Black (56%)



Cyan (65%)

Magenta (56%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A705A 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 5A705A by changing the saturation by 10% instead.

■ 5A705A

■ 5A705A

FFFFFF

■ 425843

■ 8CA48C

■ 2C402C

■ A7BFA6

■ 162A18

■ C2DBC2

■ 001600

■ DEF7DE

■ 000000

■ FBFFFA

■ 5A705A

■ 5A705A

■ 4F704F

■ 657065

■ 447044

■ 707070

 387038


 7C707C

 2D702D

 877087

 227022

 927092

 177017

 9D709D

 0C700C

 A870A8

 007000

 B470B4

 BF70BF

Harmonies

Analogous

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



696D52



5A705A



4C7267

Triad

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



5A705A



566C85



866160

Complementary

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



5A705A



705A70

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.



83616E



5A705A



696883

Square

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



5A705A



48707F



79647A



816455

Rectangle

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



5A705A



467270



79647A



866165

Sweetspot

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



5A705A



899189



70705A



454A45



C9C9C9



4A4A4A

Same Dimension

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



5A705A



6E916E



5A7065



323832



007800



00F700

Inverse Universe

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



705A70



916E91



705A65



383238



780078



F700F7

Previews

White Background



This preview shows how the Hex color 5A705A looks on a white background.

Color Contrast Check

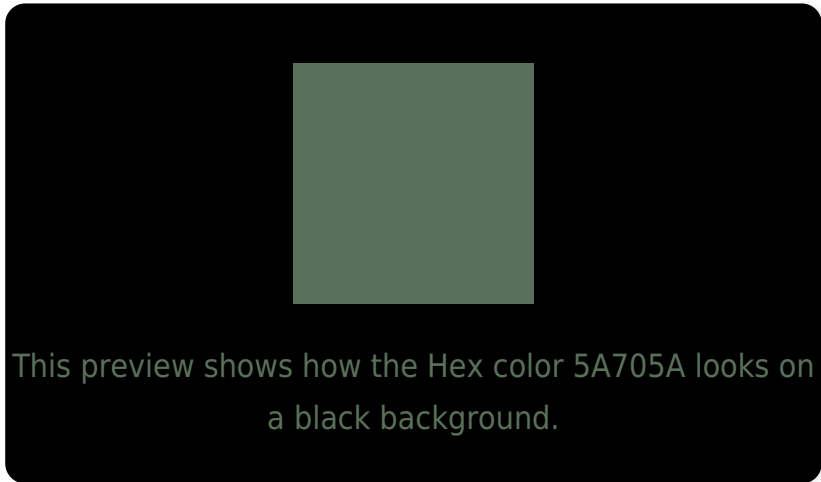
Large Text (above 18pt) WCAG AA ✓ Pass

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

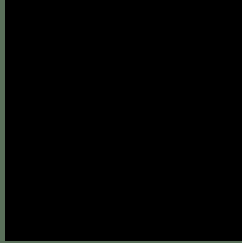
Any Text WCAG AA × Fail

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 5A705A Background



This preview shows how black text looks on a background with the Hex color 5A705A.



This preview shows how white text looks on a background with the Hex color 5A705A.

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
5A705A

Protanopia
706A57

Deuteranopia
79665C



Tritanopia
5F6C75

Trichromacy



Original Color
5A705A

Protanomaly
686C58

Deuteranomaly
6E6A5B

Tritanomaly
5D6D6B

Monochromacy



Original Color
5A705A

Achromatopsia
676767

Achromatomaly
626A62

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A705A 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 #5A705A looks like.

```
.text, #text, p{  
    color:#5A705A  
}
```

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 #5A705A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A705A
}
```

Border

The CSS property to change the border of an element to Hex 5A705A 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
#5A705A }
```

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

```
.border{ border-color:#5A705A }
```

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

Here you see how a box with a 4 pixel #5A705A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A705A; -webkit-box-shadow:4px 4px  
4px 4px #5A705A; box-shadow:4px 4px 4px  
4px #5A705A }
```

Background

The CSS property to change the background color of an element to Hex 5A705A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A705A }
```

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

```
.background{ background-color:#5A705A }
```

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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