

Converting Colors

Hex(57755A)

Have a look what the booklet for
Hex(57755A) contains.

Hex(57755A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(57755A)

Conversions

Conversions Part 1

Format	Color
Hex	57755A
RGB	87, 117, 90
RGB Percent	34%, 46%, 35%
CMY	0.6588, 0.5412, 0.6471
CMYK	0.26, 0.00, 0.23, 0.54
HSL	126°, 15%, 40%
HSV	126°, 26%, 46%
XYZ	12.1372, 15.4870, 12.0225
YIQ	104.9520, -9.2130, -14.7570

Conversions

Conversions Part 2

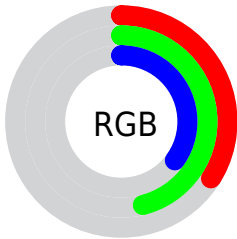
Format	Color
RYB	87, 114, 117
Decimal	5731674
CIELab	46.29, -16.72, 11.45
CIElCh	46, 20.271, 145.592
Yxy	15.4870, 0.3061, 0.3906
Android (android.graphics.Color)	4283921754 (0xFF57755A)
YUV	104.9520, -7.3713, -15.7439
Hunter-Lab	39.3535, -13.8165, 9.4345

Details

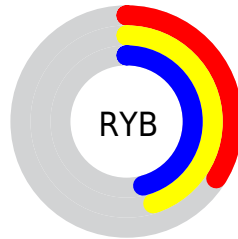
The Hex color **57755A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **755772**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **89A98C**, and **28452C** is the 20% darker color. If you saturate the color by 10%, you get **4B754F**, and if you desaturate by 10%, it is **637565**.

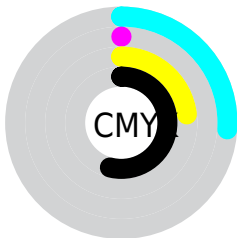
Distribution



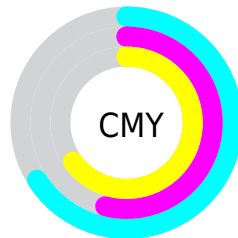
- Red (34%)
- Green (46%)
- Blue (35%)



- Red (34%)
- Yellow (45%)
- Blue (46%)



- Cyan (26%)
- Magenta (0%)
- Yellow (23%)
- Black (54%)



- Cyan (66%)
- Magenta (54%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57755A 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 57755A by changing the saturation by 10% instead.



57755A



57755A

FFFFFF



3F5C43



89A98C



28452C



A4C5A7



122E17



BFE1C2



001A00



DBFDDE



000000



F8FFFA



57755A



57755A



4B754F



637565



407545



6E756F

■ 34753A

■ 7A757A

■ 287530

■ 867584

■ 1D7525

■ 92758F

■ 11751B

■ 9D7599

■ 057510

■ A975A4

■ 00750C

■ B575AE

■ C075B9

Harmonies

Analogous

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



6B714F



57755A



45776A

Triad

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



57755A



54708F



906260

Complementary

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



57755A



755772

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.



8D6171



57755A



6D6A8C

Square

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



57755A



407489



816581



896652

Rectangle

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



57755A



3C7776



816581



906165

Sweetspot

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



57755A



8D998E



727557



454D46



CCCCCC



4D4D4D

Same Dimension

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



57755A



6A996E



577569



353B35



007A0C



00FA19

Inverse Universe

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



755772



996A94



755763



3B353A



7A006E



FA00E1

Previews

White Background



This preview shows how the Hex color 57755A 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

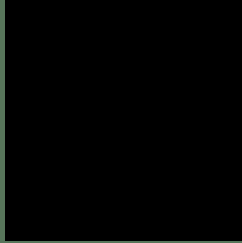
Any Text WCAG AA × Fail

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 57755A Background



This preview shows how black text looks on a background with the Hex color 57755A.



This preview shows how white text looks on a background with the Hex color 57755A.

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
57755A

Protanopia
746D56

Deuteranopia
7E695C



Tritanopia
5D717A

Trichromacy



Original Color
57755A

Protanomaly
697057

Deuteranomaly
706D5B

Tritanomaly
5B726E

Monochromacy



Original Color
57755A

Achromatopsia
696969

Achromatomaly
626D64

CSS Examples

Text

The CSS property to change the color of the text to Hex 57755A 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 #57755A looks like.

```
.text, #text, p{  
    color:#57755A  
}
```

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 #57755A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57755A
}
```

Border

The CSS property to change the border of an element to Hex 57755A 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".

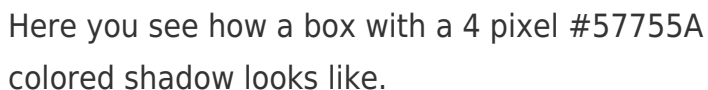
```
.border, #border, table{ border:4px solid
#57755A }
```

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

```
.border{ border-color:#57755A }
```

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

Here you see how a box with a 4 pixel #57755A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57755A; -webkit-box-shadow:4px 4px  
4px 4px #57755A; box-shadow:4px 4px 4px  
4px #57755A }
```

Background

The CSS property to change the background color of an element to Hex 57755A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57755A }
```

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

```
.background{ background-color:#57755A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor