

Converting Colors

Hex(505E3C)

Have a look what the booklet for
Hex(505E3C) contains.

Hex(505E3C)	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(505E3C)

Conversions

Conversions Part 1

Format	Color
Hex	505E3C
RGB	80, 94, 60
RGB Percent	31%, 37%, 24%
CMY	0.6863, 0.6314, 0.7647
CMYK	0.15, 0.00, 0.36, 0.63
HSL	85°, 22%, 30%
HSV	85°, 36%, 37%
XYZ	8.1266, 10.0371, 5.7840
YIQ	85.9380, 2.5700, -13.5420

Conversions

Conversions Part 2

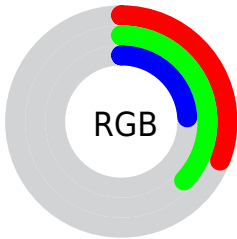
Format	Color
RYB	60, 94, 74
Decimal	5267004
CIELab	37.91, -12.09, 17.76
CIElCh	38, 21.490, 124.248
Yxy	10.0371, 0.3393, 0.4191
Android (android.graphics.Color)	4283457084 (0xFF505E3C)
YUV	85.9380, -12.7874, -5.2076
Hunter-Lab	31.6814, -9.6556, 11.3526

Details

The Hex color **505E3C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4A3C5E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **82906C**, and **233011** is the 20% darker color. If you saturate the color by 10%, you get **4C5E33**, and if you desaturate by 10%, it is **545E45**.

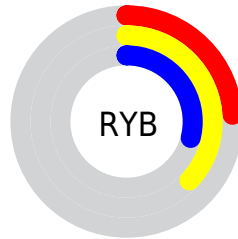
Distribution



Red (31%)

Green (37%)

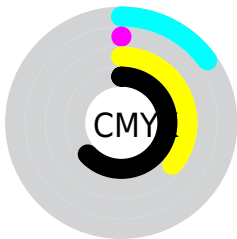
Blue (24%)



Red (24%)

Yellow (37%)

Blue (29%)

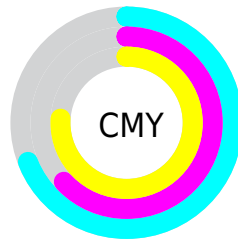


Cyan (15%)

Magenta (0%)

Yellow (36%)

Black (63%)



Cyan (69%)

Magenta (63%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 505E3C 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 505E3C by changing the saturation by 10% instead.

■ 505E3C

■ 505E3C

FFFFFF

■ 394626

■ 82906C

■ 233011

■ 9CAB85

■ 0D1B00

■ B7C69F

■ 000000

■ D3E2BA

■ EFFFFD6

■ FFFFF3

■ 505E3C

■ 505E3C

■ 4C5E33

■ 545E45

■ 485E29

■ 585E4F

■ 445E20

■ 5C5E58

■ 415E16

■ 5F5E62

■ 3D5E0D

■ 635E6B

■ 395E04

■ 675E74

■ 375E00

■ 6B5E7E

■ 6F5E87

■ 735E91

Harmonies

Analogous

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



635936



505E3C



3B614A

Triad

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



505E3C



2A5F78



7B4C57

Complementary

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



505E3C



4A3C5E

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.



714E69



505E3C



455A7C

Square

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



505E3C



1A626C



5F5476



7A4E47

Rectangle

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



505E3C



2D6255



5F5476



794C5D

Sweetspot

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



505E3C



757A6D



5E4A3C



3A3D35



BDBDBD



3D3D3D

Same Dimension

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



505E3C



657A46



3F5E3C



2C2E29



406E00



8BED00

Inverse Universe

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



4A3C5E



5B467A



5B3C5E



2B292E



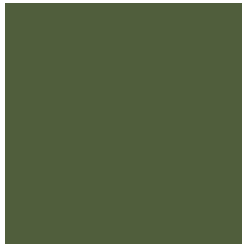
2D006E



6200ED

Previews

White Background



This preview shows how the Hex color 505E3C looks on a white background.

Color Contrast Check

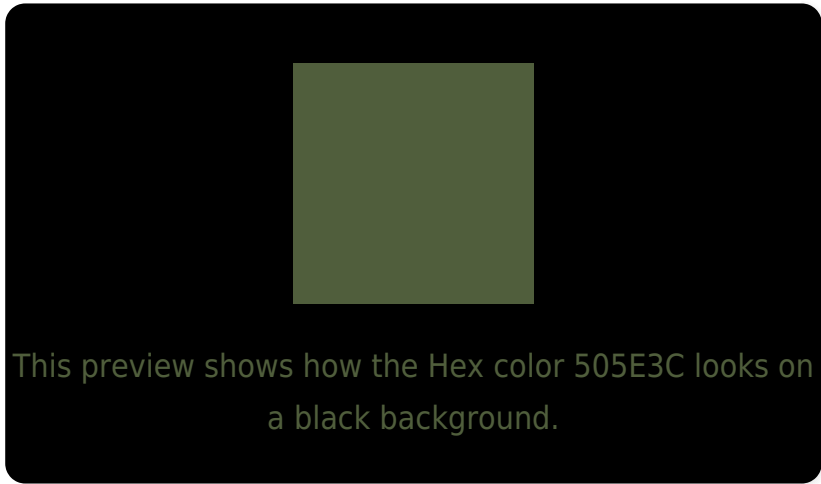
Large Text (above 18pt) WCAG AA ✓ Pass

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

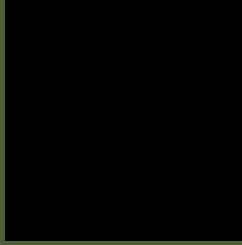
Any Text WCAG AA × Fail

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 505E3C Background



This preview shows how black text looks on a background with the Hex color 505E3C.



This preview shows how white text looks on a background with the Hex color 505E3C.

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
505E3C

Protanopia
61593A

Deuteranopia
6A553E



Tritanopia
555A61

Trichromacy



Original Color
505E3C

Protanomaly
5B5B3B

Deuteranomaly
61583D

Tritanomaly
535B54

Monochromacy



Original Color
505E3C

Achromatopsia
565656

Achromatomaly
54594D

CSS Examples

Text

The CSS property to change the color of the text to Hex 505E3C 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 #505E3C looks like.

```
.text, #text, p{  
    color:#505E3C  
}
```

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 #505E3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505E3C
}
```

Border

The CSS property to change the border of an element to Hex 505E3C 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
#505E3C }
```

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

```
.border{ border-color:#505E3C }
```

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

Here you see how a box with a 4 pixel #505E3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505E3C; -webkit-box-shadow:4px 4px  
4px 4px #505E3C; box-shadow:4px 4px 4px  
4px #505E3C }
```

Background

The CSS property to change the background color of an element to Hex 505E3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505E3C }
```

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

```
.background{ background-color:#505E3C }
```

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