

# Converting Colors

Hex(505C3C)

Have a look what the booklet for  
Hex(505C3C) contains.

<b>Hex(505C3C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(505C3C)

# Conversions

## Conversions Part 1

Format	Color
Hex	505C3C
RGB	80, 92, 60
RGB Percent	31%, 36%, 24%
CMY	0.6863, 0.6392, 0.7647
CMYK	0.13, 0.00, 0.35, 0.64
HSL	82°, 21%, 30%
HSV	82°, 35%, 36%
XYZ	7.9510, 9.6860, 5.7255
YIQ	84.7640, 3.1200, -12.4960

# Conversions

## Conversions Part 2

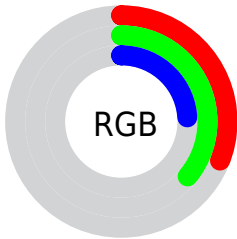
<b>Format</b>	<b>Color</b>
<b>RYB</b>	60, 92, 72
Decimal	5266492
CIELab	37.27, -10.95, 16.92
CIELCh	37, 20.155, 122.908
Yxy	9.6860, 0.3403, 0.4146
Android (android.graphics.Color)	4283456572 (0xFF505C3C)
YUV	84.7640, -12.2087, -4.1780
Hunter-Lab	31.1224, -8.8616, 10.8782

# Details

The Hex color **505C3C** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **483C5C**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **828E6C**, and **232E11** is the 20% darker color. If you saturate the color by 10%, you get **4D5C33**, and if you desaturate by 10%, it is **535C45**.

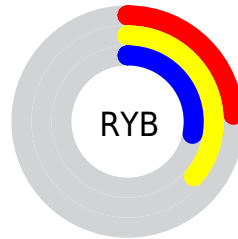
# Distribution



Red (31%)

Green (36%)

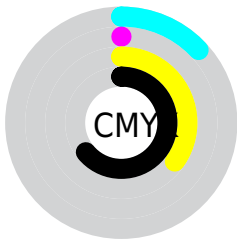
Blue (24%)



Red (24%)

Yellow (36%)

Blue (28%)

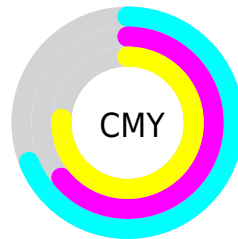


Cyan (13%)

Magenta (0%)

Yellow (35%)

Black (64%)



Cyan (69%)

Magenta (64%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 505C3C 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 505C3C by changing the saturation by 10% instead.



 505C3C

 505C3C

FFFFFF

 394426

 828E6C

 232E11

 9CA985

 0C1A00

 B7C49F

 000000

 D3E0BA

 EFFCD6

 FFFFF2

 505C3C

 505C3C

 4D5C33

 535C45

■ 495C2A

■ 575C4E

■ 465C20

■ 5A5C58

■ 425C17

■ 5E5C61

■ 3F5C0E

■ 615C6A

■ 3B5C05

■ 655C73

■ 3A5C00

■ 685C7C

■ 6C5C86

■ 6F5C8F

# Harmonies

## Analogous

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



615737



505C3C



3D5F48

# Triad

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



505C3C



2C5D74



774B57

# Complementary

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



505C3C



483C5C

# 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.



6E4E67



505C3C



445978

# Square

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



505C3C



206069



5C5373



774D47

# Rectangle

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



505C3C



306053



5C5373



754C5C



# Sweetspot

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



505C3C



73786C



5C483C



3A3D36



BDBDBD



3D3D3D



# Same Dimension

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



505C3C



657846



405C3C



2C2E29



456E00



94ED00



# Inverse Universe

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



483C5C



584678



583C5C



2B292E



29006E



5900ED



# Previews

## White Background



This preview shows how the Hex color 505C3C looks on a white background.

## Color Contrast Check

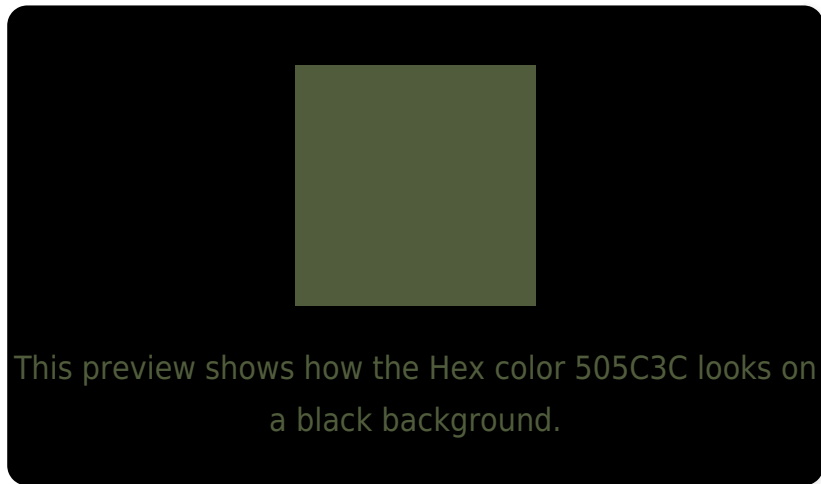
Large Text (above 18pt) WCAG AA ✓ Pass

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

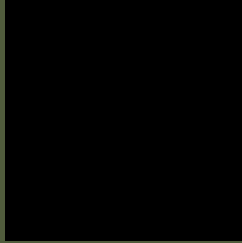
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

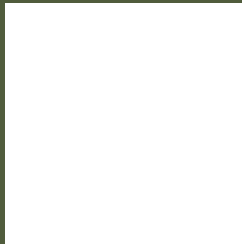
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 505C3C Background



This preview shows how black text looks on a background with the Hex color 505C3C.



This preview shows how white text looks on a background with the Hex color 505C3C.

# 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](#).

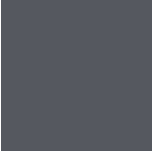
## Dichromacy



**Original Color**  
505C3C

**Protanopia**  
5F583A

**Deuteranopia**  
68543E



**Tritanopia**  
55585F

# Trichromacy



**Original Color**  
505C3C

**Protanomaly**  
5A593B

**Deuteranomaly**  
5F573D

**Tritanomaly**  
535952

# Monochromacy



**Original Color**  
505C3C

**Achromatopsia**  
555555

**Achromatomaly**  
53584C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 505C3C 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 #505C3C looks like.

```
.text, #text, p{  
    color:#505C3C  
}
```

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 #505C3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #505C3C
}
```

## Border

The CSS property to change the border of an element to Hex 505C3C 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".

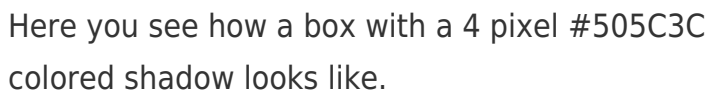
```
.border, #border, table{ border:4px solid
#505C3C }
```

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

```
.border{ border-color:#505C3C }
```

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

Here you see how a box with a 4 pixel #505C3C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #505C3C; -webkit-box-shadow:4px 4px  
4px 4px #505C3C; box-shadow:4px 4px 4px  
4px #505C3C }
```

# Background

The CSS property to change the background color of an element to Hex 505C3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#505C3C }
```

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

```
.background{ background-color:#505C3C }
```

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