

# Converting Colors

Hex(515E3E)

Have a look what the booklet for  
Hex(515E3E) contains.

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# Color

Hex(515E3E)

# Conversions

## Conversions Part 1

Format	Color
Hex	515E3E
RGB	81, 94, 62
RGB Percent	32%, 37%, 24%
CMY	0.6824, 0.6314, 0.7569
CMYK	0.14, 0.00, 0.34, 0.63
HSL	84°, 21%, 31%
HSV	84°, 34%, 37%
XYZ	8.2655, 10.1025, 6.0718
YIQ	86.4650, 2.5240, -12.7080

# Conversions

## Conversions Part 2

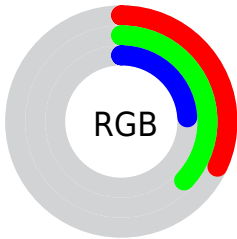
Format	Color
<a href="#">RYB</a>	<a href="#">62, 94, 75</a>
Decimal	<a href="#">5332542</a>
CIELab	<a href="#">38.03, -11.35, 16.74</a>
CIELCh	<a href="#">38, 20.223, 124.139</a>
Yxy	<a href="#">10.1025, 0.3382, 0.4134</a>
Android (android.graphics.Color)	<a href="#">4283522622 (0xFF515E3E)</a>
YUV	<a href="#">86.4650, -12.0612, -4.7928</a>
Hunter-Lab	<a href="#">31.7845, -9.2040, 10.9230</a>

# Details

The Hex color **515E3E** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B3E5E**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **83906E**, and **243013** is the 20% darker color. If you saturate the color by 10%, you get **4D5E35**, and if you desaturate by 10%, it is **555E47**.

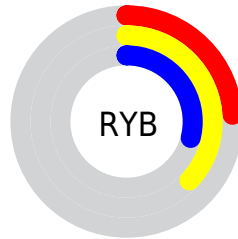
# Distribution



Red (32%)

Green (37%)

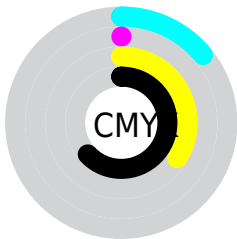
Blue (24%)



Red (24%)

Yellow (37%)

Blue (29%)

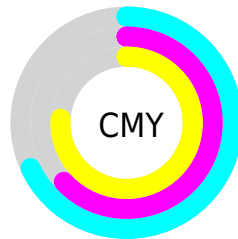


Cyan (14%)

Magenta (0%)

Yellow (34%)

Black (63%)



Cyan (68%)

Magenta (63%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 515E3E 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 515E3E by changing the saturation by 10% instead.





515E3E



515E3E

FFFFFF



3A4628



83906E



243013



9DAB87



0F1B00



B8C6A2



000000



D4E2BD



F0FFD8



FFFFFF5



515E3E



515E3E



4D5E35



555E47

■ 495E2B

■ 595E51

■ 465E22

■ 5C5E5A

■ 425E18

■ 605E64

■ 3E5E0F

■ 645E6D

■ 3A5E06

■ 685E76

■ 385E00

■ 6C5E80

■ 705E89

■ 735E93

# Harmonies

## Analogous

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



635939



515E3E



3E614B

# Triad

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



515E3E



2F5F76



794D58

# Complementary

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



515E3E



4B3E5E

# 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.



704F68



515E3E



475A7A

# Square

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



515E3E



22626B



5F5475



794F48

# Rectangle

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



515E3E



316256



5F5475



774D5D



# Sweetspot

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



515E3E



757A6E



5E4B3E



3A3D36



BDBDBD



3D3D3D



# Same Dimension

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



515E3E



667A48



415E3E



2C2E29



416E00



8DED00



# Inverse Universe

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



4B3E5E



5D487A



5B3E5E



2B292E



2D006E



6000ED



# Previews

## White Background



This preview shows how the Hex color 515E3E 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

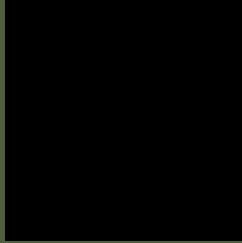
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 515E3E Background



This preview shows how black text looks on a background with the Hex color 515E3E.



This preview shows how white text looks on a background with the Hex color 515E3E.

# 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**  
515E3E

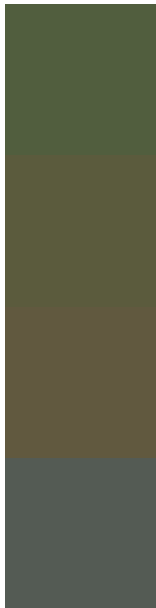
**Protanopia**  
61593C

**Deuteranopia**  
6A5640



**Tritanopia**  
565A61

# Trichromacy



**Original Color**  
515E3E

**Protanomaly**  
5B5B3D

**Deuteranomaly**  
61593F

**Tritanomaly**  
545B54

# Monochromacy



**Original Color**  
515E3E

**Achromatopsia**  
565656

**Achromatomaly**  
54594D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 515E3E 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 #515E3E looks like.

```
.text, #text, p{  
    color:#515E3E  
}
```

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 #515E3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #515E3E
}
```

## Border

The CSS property to change the border of an element to Hex 515E3E 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
#515E3E }
```

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

```
.border{ border-color:#515E3E }
```

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

Here you see how a box with a 4 pixel #515E3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #515E3E; -webkit-box-shadow:4px 4px  
4px 4px #515E3E; box-shadow:4px 4px 4px  
4px #515E3E }
```

# Background

The CSS property to change the background color of an element to Hex 515E3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#515E3E }
```

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

```
.background{ background-color:#515E3E }
```

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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