

# Converting Colors

Hex(515F46)

Have a look what the booklet for  
Hex(515F46) contains.

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# Color

**Hex(515F46)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	515F46
RGB	81, 95, 70
RGB Percent	32%, 37%, 27%
CMY	0.6824, 0.6275, 0.7255
CMYK	0.15, 0.00, 0.26, 0.63
HSL	94°, 15%, 32%
HSV	94°, 26%, 37%
XYZ	8.5910, 10.3759, 7.3443
YIQ	87.9640, -0.3190, -10.7430

# Conversions

## Conversions Part 2

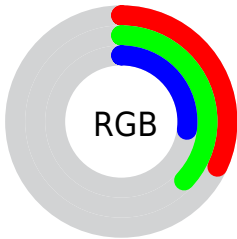
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 95, 84
Decimal	5332806
CIE <sub>Lab</sub>	38.51, -10.56, 12.57
CIE <sub>LCh</sub>	39, 16.416, 130.041
Yxy	10.3759, 0.3265, 0.3944
Android (android.graphics.Color)	4283522886 (0xFF515F46)
YUV	87.9640, -8.8563, -6.1074
Hunter-Lab	32.2117, -8.7636, 9.0300

# Details

The Hex color **515F46** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **54465F**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **839176**, and **24311A** is the 20% darker color. If you saturate the color by 10%, you get **4C5F3D**, and if you desaturate by 10%, it is **565F50**.

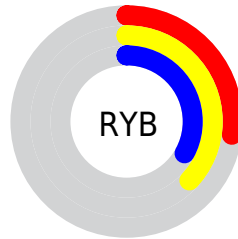
# Distribution



Red (32%)

Green (37%)

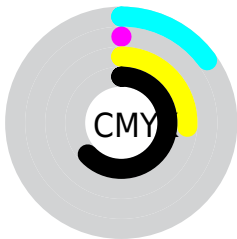
Blue (27%)



Red (27%)

Yellow (37%)

Blue (33%)

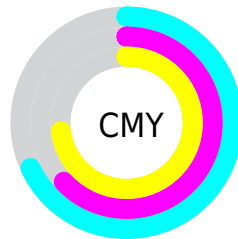


Cyan (15%)

Magenta (0%)

Yellow (26%)

Black (63%)



Cyan (68%)

Magenta (63%)


Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 515F46 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 515F46 by changing the saturation by 10% instead.



 515F46

 515F46

FFFFFF

 3A4730

 839176

 24311A

 9DAC90

 111C00

 B8C7AB

 000000

 D3E3C6

 F0FFE2

 515F46

 515F46

 4C5F3D

 565F50

 465F33

 5C5F59

■ 415F2A

■ 615F63

■ 3C5F20

■ 665F6C

■ 365F17

■ 6C5F76

■ 315F0D

■ 715F7F

■ 2C5F04

■ 765F89

■ 2A5F00

■ 7C5F92

■ 815F9C

# Harmonies

## Analogous

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



605B40



515F46



426151

# Triad

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



515F46



3E5E73



755157

# Complementary

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



515F46



54465F

# 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.



6F5264



515F46



505A75

# Square

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



515F46



34616B



62566F



74534A

# Rectangle

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



515F46



39625A



62566F



74515B



# Sweetspot

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



515F46



757A71



5F5446



3A3D37



BDBDBD



3D3D3D



# Same Dimension

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



515F46



647A53



465F47



2E302C



317000



69F000



# Inverse Universe

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



54465F



69537A



5F465E



2E2C30



3F0070

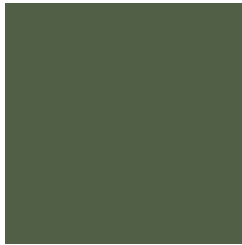


8600F0



# Previews

## White Background



This preview shows how the Hex color 515F46 looks on a white background.

## Color Contrast Check

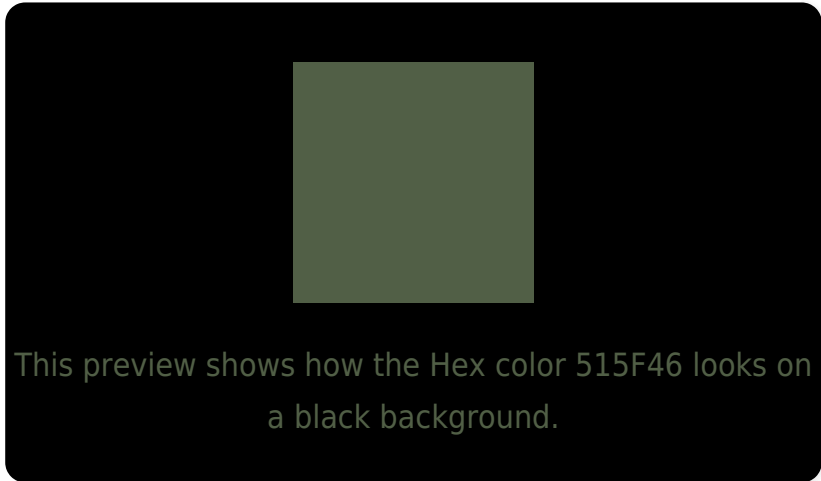
Large Text (above 18pt) WCAG AA ✓ Pass

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

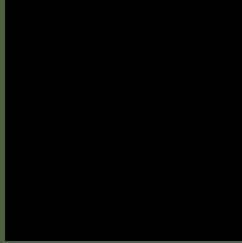
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

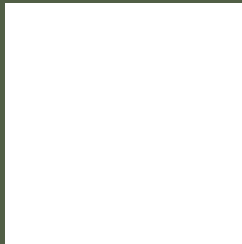
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 515F46 Background



This preview shows how black text looks on a background with the Hex color 515F46.



This preview shows how white text looks on a background with the Hex color 515F46.

# 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**  
515F46

**Protanopia**  
615A44

**Deuteranopia**  
6A5748



**Tritanopia**  
555B63

# Trichromacy



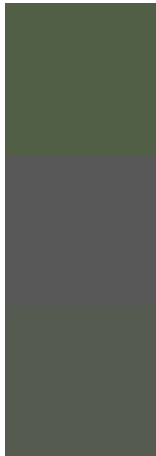
**Original Color**  
515F46

**Protanomaly**  
5B5C45

**Deuteranomaly**  
615A47

**Tritanomaly**  
545C58

# Monochromacy



**Original Color**  
515F46

**Achromatopsia**  
585858

**Achromatomaly**  
555B51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 515F46 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 #515F46 looks like.

```
.text, #text, p{  
    color:#515F46  
}
```

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 #515F46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #515F46
}
```

## Border

The CSS property to change the border of an element to Hex 515F46 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".

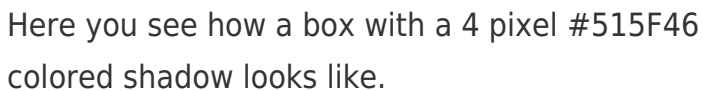
```
.border, #border, table{ border:4px solid
#515F46 }
```

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

```
.border{ border-color:#515F46 }
```

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

Here you see how a box with a 4 pixel #515F46 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #515F46; -webkit-box-shadow:4px 4px  
4px 4px #515F46; box-shadow:4px 4px 4px  
4px #515F46 }
```

# Background

The CSS property to change the background color of an element to Hex 515F46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#515F46 }
```

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

```
.background{ background-color:#515F46 }
```

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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