

# Converting Colors

Hex(516B32)

Have a look what the booklet for  
Hex(516B32) contains.

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**Color**

**Hex(516B32)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	516B32
RGB	81, 107, 50
RGB Percent	32%, 42%, 20%
CMY	0.6824, 0.5804, 0.8039
CMYK	0.24, 0.00, 0.53, 0.58
HSL	87°, 36%, 31%
HSV	87°, 53%, 42%
XYZ	9.2268, 12.4950, 4.9431
YIQ	92.7280, 2.8010, -23.2390

# Conversions

## Conversions Part 2

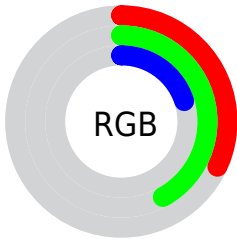
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 107, 76
Decimal	5335858
CIELab	41.99, -20.17, 28.64
CIELCh	42, 35.030, 125.158
Yxy	12.4950, 0.3460, 0.4686
Android (android.graphics.Color)	4283525938 (0xFF516B32)
YUV	92.7280, -21.0649, -10.2855
Hunter-Lab	35.3483, -15.2667, 16.4527

# Details

The Hex color **516B32** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4C326B**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **849F62**, and **223B03** is the 20% darker color. If you saturate the color by 10%, you get **4C6B27**, and if you desaturate by 10%, it is **566B3D**.

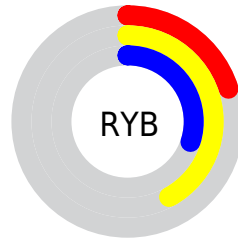
# Distribution



Red (32%)

Green (42%)

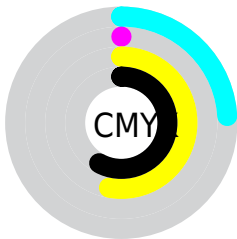
Blue (20%)



Red (20%)

Yellow (42%)

Blue (30%)

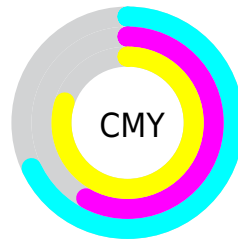


Cyan (24%)

Magenta (0%)

Yellow (53%)

Black (58%)



Cyan (68%)

Magenta (58%)


Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 516B32 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 516B32 by changing the saturation by 10% instead.



 516B32

 516B32


FFFFFF

 39531B

 849F62

 223B03

 9EBA7B

 0B2500

 BAD595

 000D00

 D6F2B0

 000000

 F2FFCC

 FFFFE8

 516B32

 516B32

 4C6B27

 566B3D

■ 476B1D

■ 5B6B47

■ 426B12

■ 606B52

■ 3D6B07

■ 656B5D

■ 3A6B00

■ 696B68

■ 6E6B72

■ 736B7D

■ 786B88

■ 7D6B92

# Harmonies

## Analogous

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



6F6327



516B32



29704A

# Triad

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



516B32



006C97



984A5F

# Complementary

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



516B32



4C326B

# 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.



8B4F7C



516B32



39649C

# Square

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



516B32



007183



6C5A92



964F43

# Rectangle

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



516B32



00715D



6C5A92



964B69



# Sweetspot

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



516B32



828C76



6B4C32



41473A



C7C7C7



474747



# Same Dimension

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



516B32



638C32



356B32



333630



407500



85F500



# Inverse Universe

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



4C326B



5B328C



68326B



333036



360075



7000F5



# Previews

## White Background



This preview shows how the Hex color 516B32 looks on a white background.

## Color Contrast Check

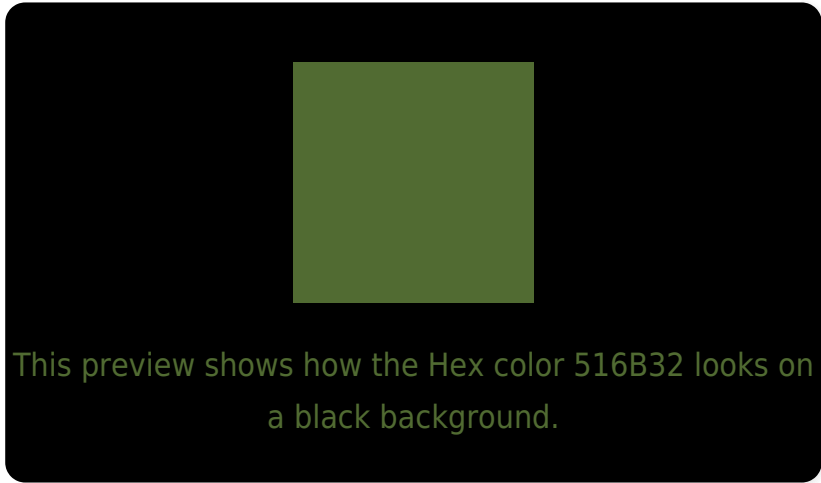
Large Text (above 18pt) WCAG AA ✓ Pass

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

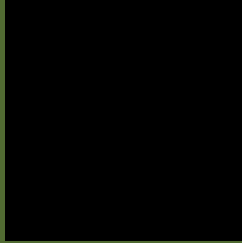
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 516B32 Background



This preview shows how black text looks on a background with the Hex color 516B32.



This preview shows how white text looks on a background with the Hex color 516B32.

# 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](#).

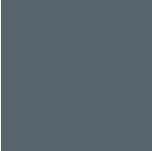
## Dichromacy



**Original Color**  
516B32

**Protanopia**  
6D632F

**Deuteranopia**  
795E35



**Tritanopia**  
59656D

# Trichromacy



**Original Color**  
516B32

**Protanomaly**  
636630

**Deuteranomaly**  
6A6334

**Tritanomaly**  
566758

# Monochromacy



**Original Color**  
516B32

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
59624D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 516B32 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 #516B32 looks like.

```
.text, #text, p{  
    color:#516B32  
}
```

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 #516B32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516B32
}
```

## Border

The CSS property to change the border of an element to Hex 516B32 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
#516B32 }
```

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

```
.border{ border-color:#516B32 }
```

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

Here you see how a box with a 4 pixel #516B32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516B32; -webkit-box-shadow:4px 4px  
4px 4px #516B32; box-shadow:4px 4px 4px  
4px #516B32 }
```

# Background

The CSS property to change the background color of an element to Hex 516B32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516B32 }
```

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

```
.background{ background-color:#516B32 }
```

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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