

# Converting Colors

Hex(516A27)

Have a look what the booklet for  
Hex(516A27) contains.

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**Color**

**Hex(516A27)**

# Conversions

## Conversions Part 1

Format	Color
Hex	516A27
RGB	81, 106, 39
RGB Percent	32%, 42%, 15%
CMY	0.6824, 0.5843, 0.8471
CMYK	0.24, 0.00, 0.63, 0.58
HSL	82°, 46%, 28%
HSV	82°, 63%, 42%
XYZ	8.9136, 12.2039, 3.8052
YIQ	90.8870, 6.6070, -26.1370

# Conversions

## Conversions Part 2

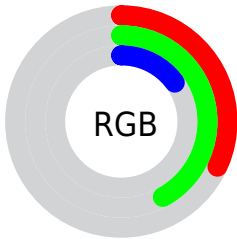
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 106, 64
Decimal	5335591
CIELab	41.54, -20.85, 33.82
CIElCh	42, 39.724, 121.652
Yxy	12.2039, 0.3576, 0.4897
Android (android.graphics.Color)	4283525671 (0xFF516A27)
YUV	90.8870, -25.5803, -8.6709
Hunter-Lab	34.9341, -15.5895, 17.9956

# Details

The Hex color **516A27** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **40276A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **849D57**, and **223B00** is the 20% darker color. If you saturate the color by 10%, you get **4D6A1C**, and if you desaturate by 10%, it is **556A32**.

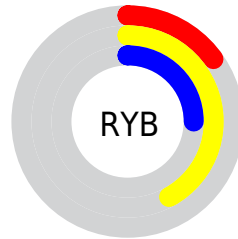
# Distribution



Red (32%)

Green (42%)

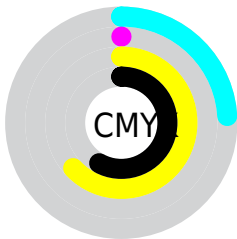
Blue (15%)



Red (15%)

Yellow (42%)

Blue (25%)

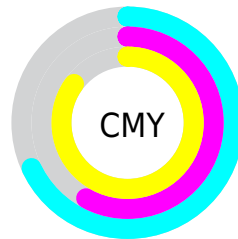


Cyan (24%)

Magenta (0%)

Yellow (63%)

Black (58%)



Cyan (68%)

Magenta (58%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 516A27 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 516A27 by changing the saturation by 10% instead.





516A27



516A27

FFFFFF



39520F



849D57



223B00



9FB870



082500



BAD48A



000B00



D7F0A5



000000



F3FFC0



FFFFDC



FFFFF9



516A27



516A27

■ 4D6A1C

■ 556A32

■ 496A12

■ 596A3C

■ 456A07

■ 5D6A47

■ 426A00

■ 616A51

■ 656A5C

■ 696A67

■ 6D6A71

■ 716A7C

■ 756A86

# Harmonies

## Analogous

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



72611C



516A27



217042

# Triad

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



516A27



006D9B



9D4562

# Complementary

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



516A27



40276A

# 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.



8B4B82



516A27



1C65A3

# Square

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



516A27



007183



66599A



9C4942

# Rectangle

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



516A27



007157



66599A



99466D



# Sweetspot

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



516A27



808A70



6A4027



3F4535



C4C4C4



454545



# Same Dimension

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



516A27



638A21



306A27



343630



4A7500



99F500



# Inverse Universe

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



40276A



48218A



61276A



323036



2C0075



5B00F5



# Previews

## White Background



This preview shows how the Hex color 516A27 looks on a white background.

## Color Contrast Check

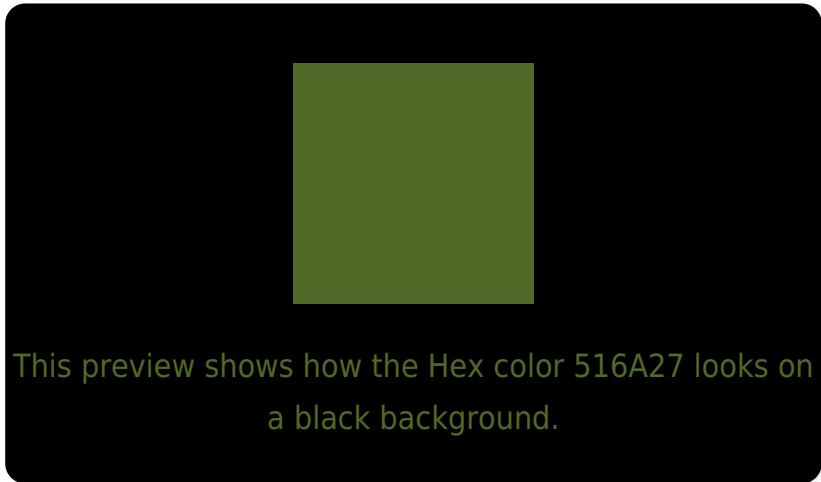
Large Text (above 18pt) WCAG AA ✓ Pass

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

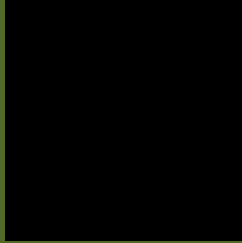
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 516A27 Background



This preview shows how black text looks on a background with the Hex color 516A27.



This preview shows how white text looks on a background with the Hex color 516A27.

# 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**  
516A27

**Protanopia**  
6D6225

**Deuteranopia**  
795D2B



**Tritanopia**  
59636B

# Trichromacy



**Original Color**  
516A27

**Protanomaly**  
636526

**Deuteranomaly**  
6A622A

**Tritanomaly**  
566652

# Monochromacy



**Original Color**  
516A27

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
576048

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 516A27 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 #516A27 looks like.

```
.text, #text, p{  
    color:#516A27  
}
```

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 #516A27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #516A27  
}
```

## Border

The CSS property to change the border of an element to Hex 516A27 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  
#516A27 }
```

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

```
.border{ border-color:#516A27 }
```

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

Here you see how a box with a 4 pixel #516A27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #516A27; -webkit-box-shadow:4px 4px  
4px 4px #516A27; box-shadow:4px 4px 4px  
4px #516A27 }
```

# Background

The CSS property to change the background color of an element to Hex 516A27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#516A27 }
```

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

```
.background{ background-color:#516A27 }
```

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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