

# Converting Colors

Hex(596A36)

Have a look what the booklet for  
Hex(596A36) contains.

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**Color**

**Hex(596A36)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	596A36
RGB	89, 106, 54
RGB Percent	35%, 42%, 21%
CMY	0.6510, 0.5843, 0.7882
CMYK	0.16, 0.00, 0.49, 0.58
HSL	80°, 33%, 31%
HSV	80°, 49%, 42%
XYZ	9.9397, 12.6983, 5.4172
YIQ	94.9890, 6.5600, -19.7760

# Conversions

## Conversions Part 2

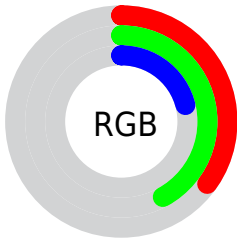
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 106, 71
Decimal	5859894
CIELab	42.31, -15.75, 26.97
CIELCh	42, 31.228, 120.283
Yxy	12.6983, 0.3543, 0.4526
Android (android.graphics.Color)	4284049974 (0xFF596A36)
YUV	94.9890, -20.2076, -5.2524
Hunter-Lab	35.6346, -12.5708, 15.9310

# Details

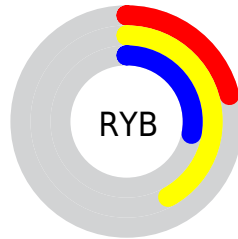
The Hex color **596A36** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **47366A**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **8C9D66**, and **2A3B08** is the 20% darker color. If you saturate the color by 10%, you get **566A2B**, and if you desaturate by 10%, it is **5C6A41**.

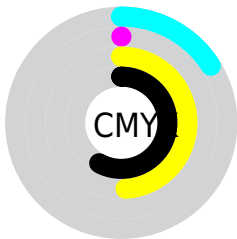
# Distribution



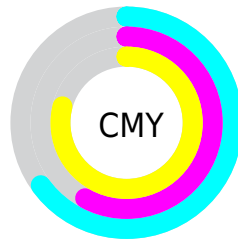
- Red (35%)
- Green (42%)
- Blue (21%)



- Red (21%)
- Yellow (42%)
- Blue (28%)



- Cyan (16%)
- Magenta (0%)
- Yellow (49%)
- Black (58%)



- Cyan (65%)
- Magenta (58%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 596A36 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 596A36 by changing the saturation by 10% instead.





596A36



596A36

FFFFFF



41521F



8C9D66



2A3B08



A7B87F



142500



C2D49A



000F00



DEF0B5



000000



FBFFD0



FFFED



596A36



596A36



566A2B



5C6A41

■ 526A21

■ 606A4B

■ 4F6A16

■ 636A56

■ 4B6A0C

■ 676A60

■ 486A01

■ 6A6A6B

■ 476A00

■ 6E6A76

■ 716A80

■ 756A8B

■ 786A95

# Harmonies

## Analogous

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



73622F



596A36



396F49

# Triad

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



596A36



006D90



934F65

# Complementary

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



596A36



47366A

# 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.



84547E



596A36



396697

# Square

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



596A36



00717D



665D90



94514B

# Rectangle

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



596A36



1A715A



665D90



90506D



# Sweetspot

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



596A36



838A75



6A4636



414538



C4C4C4



454545



# Same Dimension

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



596A36



6F8A38



406A36



343630



4F7500



A5F500



# Inverse Universe

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



47366A



53388A



60366A



323036



260075



5000F5



# Previews

## White Background



This preview shows how the Hex color 596A36 looks on a white background.

## Color Contrast Check

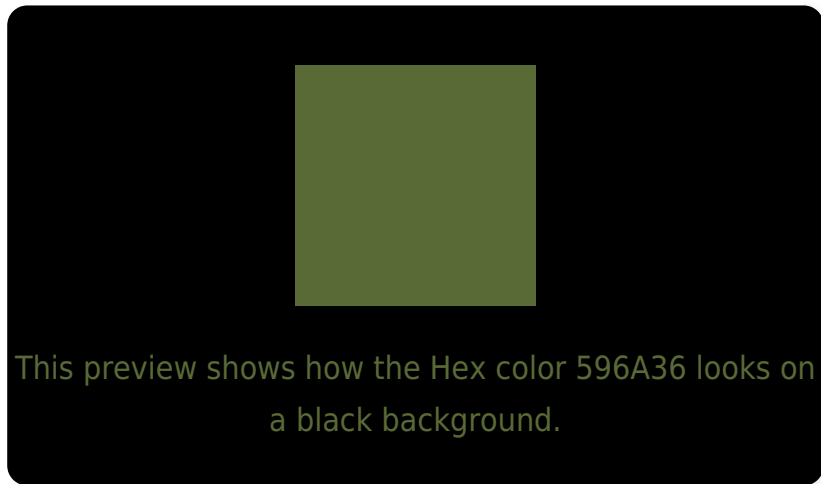
Large Text (above 18pt) WCAG AA ✓ Pass

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

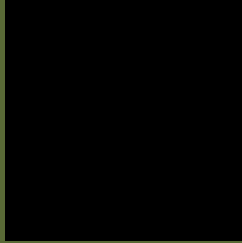
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 596A36 Background



This preview shows how black text looks on a background with the Hex color 596A36.



This preview shows how white text looks on a background with the Hex color 596A36.

# 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**  
596A36

**Protanopia**  
6E6434

**Deuteranopia**  
795F39



**Tritanopia**  
60646C

# Trichromacy



**Original Color**  
596A36

**Protanomaly**  
666635

**Deuteranomaly**  
6D6338

**Tritanomaly**  
5D6658

# Monochromacy



**Original Color**  
596A36

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
5D6350

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 596A36 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 #596A36 looks like.

```
.text, #text, p{  
    color:#596A36  
}
```

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 #596A36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #596A36
}
```

## Border

The CSS property to change the border of an element to Hex 596A36 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
#596A36 }
```

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

```
.border{ border-color:#596A36 }
```

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

Here you see how a box with a 4 pixel #596A36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #596A36; -webkit-box-shadow:4px 4px  
4px 4px #596A36; box-shadow:4px 4px 4px  
4px #596A36 }
```

# Background

The CSS property to change the background color of an element to Hex 596A36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#596A36 }
```

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

```
.background{ background-color:#596A36 }
```

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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