

# Converting Colors

Hex(06511F)

Have a look what the booklet for  
Hex(06511F) contains.

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# Color

**Hex(06511F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	06511F
RGB	6, 81, 31
RGB Percent	2%, 32%, 12%
CMY	0.9765, 0.6824, 0.8784
CMYK	0.93, 0.00, 0.62, 0.68
HSL	140°, 86%, 17%
HSV	140°, 93%, 32%
XYZ	3.2649, 6.0225, 2.2867
YIQ	52.8750, -28.6500, -31.4500

# Conversions

## Conversions Part 2

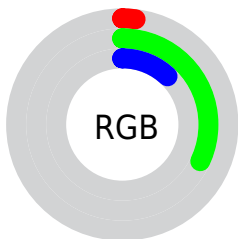
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 62, 81
Decimal	413983
CIELab	29.47, -33.45, 23.22
CIELCh	29, 40.720, 145.241
Yxy	6.0225, 0.2821, 0.5203
Android (android.graphics.Color)	4278604063 (0xFF06511F)
YUV	52.8750, -10.7844, -41.1094
Hunter-Lab	24.5408, -19.1991, 11.6539

# Details

The Hex color **06511F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **510638**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **42834D**, and **002500** is the 20% darker color. If you saturate the color by 10%, you get **00511B**, and if you desaturate by 10%, it is **0E5124**.

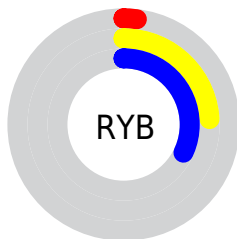
# Distribution



Red (2%)

Green (32%)

Blue (12%)



Red (2%)

Yellow (24%)

Blue (32%)

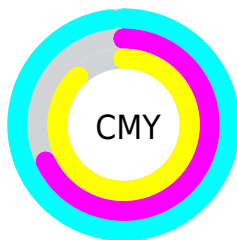


Cyan (93%)

Magenta (0%)

Yellow (62%)

Black (68%)



Cyan (98%)

Magenta (68%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 06511F 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 06511F by changing the saturation by 10% instead.



 06511F

 06511F

FFFFFF

 003908


 42834D

 002500

 5C9E65

 000000

 76B97E

 91D598

 ACF1B3

 C8FFCF

 E5FFEB

 06511F

 06511F

■ 00511B

■ 0E5124

■ 16512A

■ 1E512F

■ 265135

■ 2F513A

■ 37513F

■ 3F5145

■ 47514A

■ 4F5150

# Harmonies

## Analogous

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



3A4C02



06511F



00543F

# Triad

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



06511F



004B85



7C282D

# Complementary

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



06511F



510638

# 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.



7B254C



06511F



3A3F7F

# Square

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



06511F



005179



66306A



703510

# Rectangle

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



06511F



005455



66306A



7E2537



# Sweetspot

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



06511F



4B6955



385106



233629



B5B5B5



363636



# Same Dimension

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



06511F



006923



065144



252926



00E84D

# Inverse Universe

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



510638



690046



510613



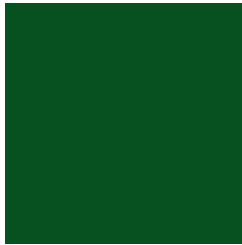
292527



E8009B

# Previews

## White Background



This preview shows how the Hex color 06511F looks on a white background.

## Color Contrast Check

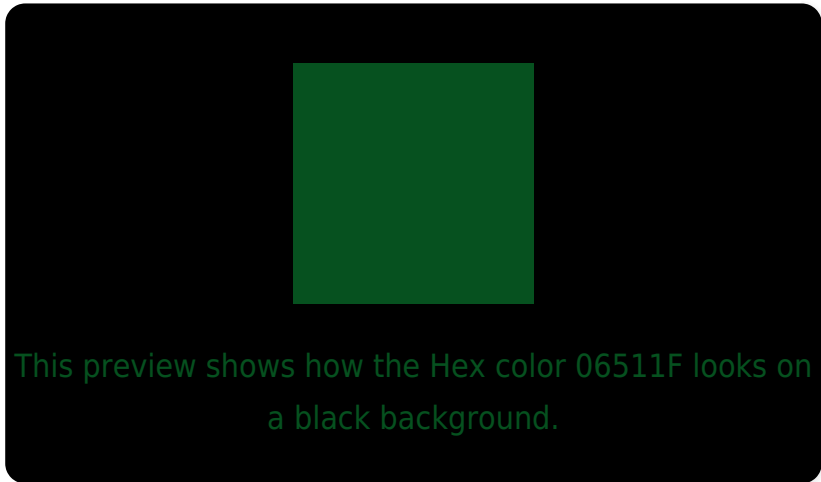
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

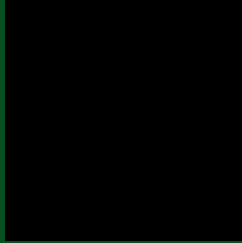
Any Text WCAG AA × Fail

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 06511F Background



This preview shows how black text looks on a background with the Hex color 06511F.



This preview shows how white text looks on a background with the Hex color 06511F.

# 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**  
06511F

**Protanopia**  
4E461C

**Deuteranopia**  
564223





# Trichromacy



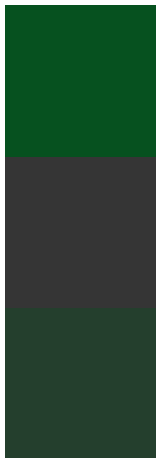
**Original Color**  
06511F

**Protanomaly**  
344A1D

**Deuteranomaly**  
394722

**Tritanomaly**  
174E3F

# Monochromacy



**Original Color**  
06511F

**Achromatopsia**  
353535

**Achromatomaly**  
243F2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 06511F 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 #06511F looks like.

```
.text, #text, p{  
    color:#06511F  
}
```

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 #06511F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06511F
}
```

## Border

The CSS property to change the border of an element to Hex 06511F 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".

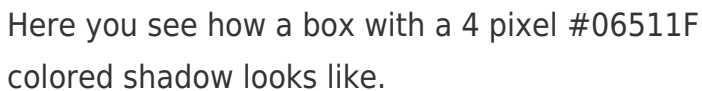
```
.border, #border, table{ border:4px solid
#06511F }
```

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

```
.border{ border-color:#06511F }
```

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

Here you see how a box with a 4 pixel #06511F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06511F; -webkit-box-shadow:4px 4px  
4px 4px #06511F; box-shadow:4px 4px 4px  
4px #06511F }
```

# Background

The CSS property to change the background color of an element to Hex 06511F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06511F }
```

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

```
.background{ background-color:#06511F }
```

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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