

# Converting Colors

Hex(196F3F)

Have a look what the booklet for  
Hex(196F3F) contains.

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# Color

Hex(196F3F)

# Conversions

## Conversions Part 1

Format	Color
Hex	196F3F
RGB	25, 111, 63
RGB Percent	10%, 44%, 25%
CMY	0.9020, 0.5647, 0.7529
CMYK	0.77, 0.00, 0.43, 0.56
HSL	147°, 63%, 27%
HSV	147°, 77%, 44%
XYZ	6.9825, 11.9344, 6.6382
YIQ	79.8140, -35.8480, -33.1600

# Conversions

## Conversions Part 2

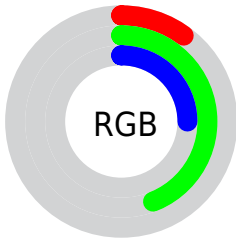
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 85, 111
Decimal	1666879
CIE <sub>Lab</sub>	41.11, -36.76, 19.75
CIE <sub>LCh</sub>	41, 41.733, 151.750
Yxy	11.9344, 0.2732, 0.4670
Android (android.graphics.Color)	4279856959 (0xFF196F3F)
YUV	79.8140, -8.2893, -48.0719
Hunter-Lab	34.5462, -24.3772, 12.7896

# Details

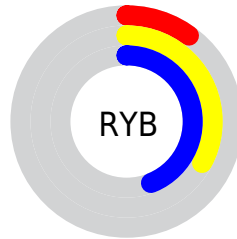
The Hex color **196F3F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6F1949**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **53A46F**, and **003E13** is the 20% darker color. If you saturate the color by 10%, you get **0E6F39**, and if you desaturate by 10%, it is **246F45**.

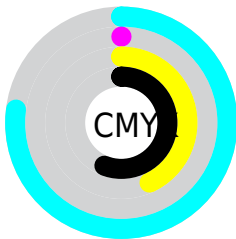
# Distribution



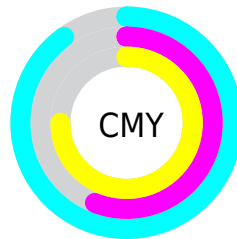
- Red (10%)
- Green (44%)
- Blue (25%)



- Red (10%)
- Yellow (33%)
- Blue (44%)



- Cyan (77%)
- Magenta (0%)
- Yellow (43%)
- Black (56%)



- Cyan (90%)
- Magenta (56%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 196F3F 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 196F3F by changing the saturation by 10% instead.



 196F3F

 196F3F

FFFFFF

 005629

 53A46F

 003E13

 6EBF89

 002800

 89DBA3

 000800

 A5F8BE

 000000

 C1FFDA

 DEFFF7

 FBFFFF

 196F3F

 196F3F

■ 0E6F39

■ 246F45

■ 036F33

■ 2F6F4B

■ 006F31

■ 3A6F52

■ 456F58

■ 516F5E

■ 5C6F64

■ 676F6A

■ 726F71

■ 7D6F77

# Harmonies

## Analogous

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



4F6922



196F3F



007162

# Triad

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



196F3F



0A64A5



9D463F

# Complementary

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



196F3F



6F1949

# 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.



9E4160



196F3F



64579B

# Square

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



196F3F



006D9D



8C4982



8C5324

# Rectangle

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



196F3F



007179



8C4982



9F434A



# Sweetspot

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



196F3F



70917F



4A6F19



354A3E



C9C9C9



4A4A4A



# Same Dimension

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



196F3F



0A9146



196F69



323835



007835



00F76D



# Inverse Universe

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



6F1949



910A56



6F191F



383236



780043



F7008A



# Previews

## White Background



This preview shows how the Hex color 196F3F looks on a white background.

## Color Contrast Check

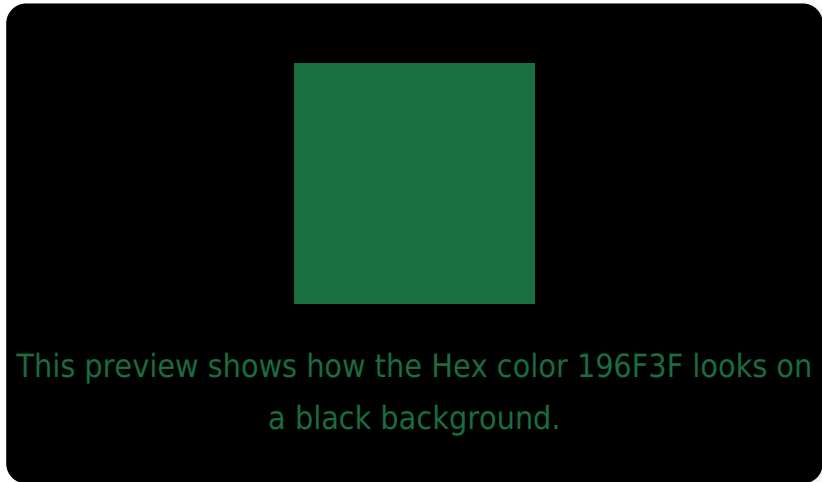
Large Text (above 18pt) WCAG AA ✓ Pass

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

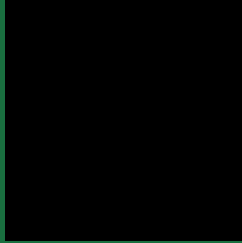
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 196F3F Background



This preview shows how black text looks on a background with the Hex color 196F3F.



This preview shows how white text looks on a background with the Hex color 196F3F.

# 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**  
196F3F

**Protanopia**  
6A6139

**Deuteranopia**  
735C43



**Tritanopia**  
2F6972

# Trichromacy



**Original Color**  
196F3F

**Protanomaly**  
4D663B

**Deuteranomaly**  
526342

**Tritanomaly**  
276B5F

# Monochromacy



**Original Color**  
196F3F

**Achromatopsia**  
505050

**Achromatomaly**  
3C5B4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 196F3F 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 #196F3F looks like.

```
.text, #text, p{  
    color:#196F3F  
}
```

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 #196F3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #196F3F
}
```

## Border

The CSS property to change the border of an element to Hex 196F3F 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
#196F3F }
```

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

```
.border{ border-color:#196F3F }
```

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

Here you see how a box with a 4 pixel #196F3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #196F3F; -webkit-box-shadow:4px 4px  
4px 4px #196F3F; box-shadow:4px 4px 4px  
4px #196F3F }
```

# Background

The CSS property to change the background color of an element to Hex 196F3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#196F3F }
```

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

```
.background{ background-color:#196F3F }
```

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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