

# Converting Colors

Hex(186F2F)

Have a look what the booklet for  
Hex(186F2F) contains.

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# Color

**Hex(186F2F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	186F2F
RGB	24, 111, 47
RGB Percent	9%, 44%, 18%
CMY	0.9059, 0.5647, 0.8157
CMYK	0.78, 0.00, 0.58, 0.56
HSL	136°, 64%, 26%
HSV	136°, 78%, 44%
XYZ	6.5742, 11.7683, 4.6143
YIQ	77.6910, -31.3080, -38.3480

# Conversions

## Conversions Part 2

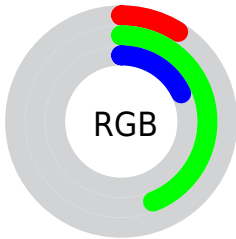
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 93, 111
Decimal	1601327
CIELab	40.85, -39.78, 28.28
CIELCh	41, 48.807, 144.589
Yxy	11.7683, 0.2864, 0.5126
Android (android.graphics.Color)	4279791407 (0xFF186F2F)
YUV	77.6910, -15.1307, -47.0870
Hunter-Lab	34.3050, -25.8259, 16.0384

# Details

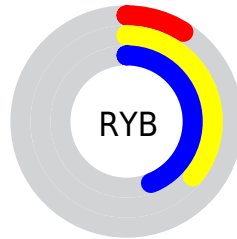
The Hex color **186F2F** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6F1858**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **53A45F**, and **003E00** is the 20% darker color. If you saturate the color by 10%, you get **0D6F27**, and if you desaturate by 10%, it is **236F37**.

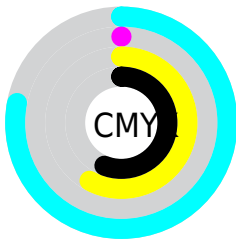
# Distribution



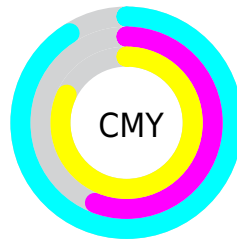
- Red (9%)
- Green (44%)
- Blue (18%)



- Red (9%)
- Yellow (36%)
- Blue (44%)



- Cyan (78%)
- Magenta (0%)
- Yellow (58%)
- Black (56%)



- Cyan (91%)
- Magenta (56%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 186F2F 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 186F2F by changing the saturation by 10% instead.





186F2F



186F2F

FFFFFF



005618



53A45F



003E00



6EBF78



002800



89DB92



000600



A5F8AD



000000



C1FFC9



DEFFE5



FCFFFF



186F2F



186F2F

■ 0D6F27

■ 236F37

■ 026F1F

■ 2E6F3F

■ 006F1D

■ 396F47

■ 446F50

■ 506F58

■ 5B6F60

■ 666F68

■ 716F70

■ 7C6F78

# Harmonies

## Analogous

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



54680A



186F2F



007258

# Triad

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



186F2F



0067B0



A73C42

# Complementary

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



186F2F



6F1858

# 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.



A43969



186F2F



5259A9

# Square

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



186F2F



0070A1



89468F



974C1E

# Rectangle

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



186F2F



007373



89468F



A8394E



# Sweetspot

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



186F2F



6E9178



596F18



354A3A



C9C9C9



4A4A4A



# Same Dimension

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



186F2F



09912D



186F59



323834



007820



00F741



# Inverse Universe

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



6F1858



91096D



6F182E



383237



780058



F700B6



# Previews

## White Background



This preview shows how the Hex color 186F2F looks on a white background.

## Color Contrast Check

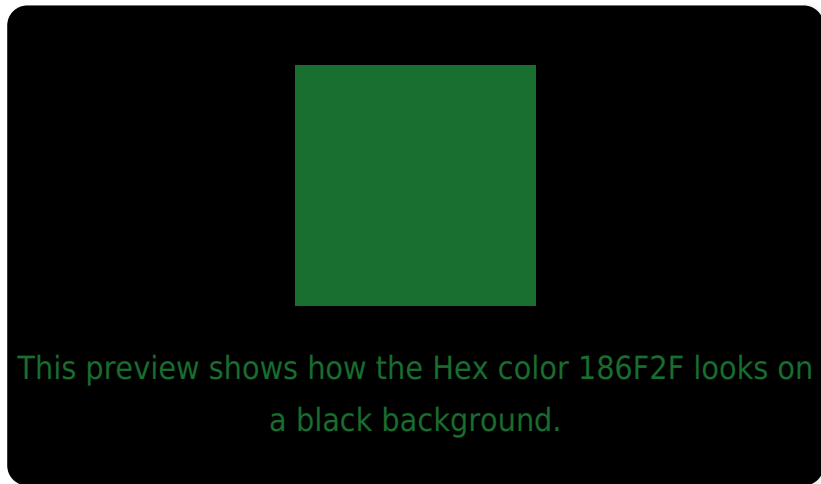
Large Text (above 18pt) WCAG AA ✓ Pass

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

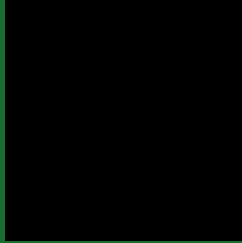
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 186F2F Background



This preview shows how black text looks on a background with the Hex color 186F2F.



This preview shows how white text looks on a background with the Hex color 186F2F.

# 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**  
186F2F

**Protanopia**  
6B602A

**Deuteranopia**  
755B34



**Tritanopia**  
316871

# Trichromacy



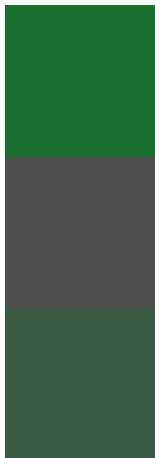
**Original Color**  
186F2F

**Protanomaly**  
4D652C

**Deuteranomaly**  
536232

**Tritanomaly**  
286B59

# Monochromacy



**Original Color**  
186F2F

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
3A5A43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 186F2F 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 #186F2F looks like.

```
.text, #text, p{  
    color:#186F2F  
}
```

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 #186F2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #186F2F
}
```

## Border

The CSS property to change the border of an element to Hex 186F2F 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
#186F2F }
```

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

```
.border{ border-color:#186F2F }
```

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

Here you see how a box with a 4 pixel #186F2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #186F2F; -webkit-box-shadow:4px 4px  
4px 4px #186F2F; box-shadow:4px 4px 4px  
4px #186F2F }
```

# Background

The CSS property to change the background color of an element to Hex 186F2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#186F2F }
```

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

```
.background{ background-color:#186F2F }
```

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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