

# Converting Colors

Hex(186800)

Have a look what the booklet for  
Hex(186800) contains.

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**Color**

**Hex(186800)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	186800
RGB	24, 104, 0
RGB Percent	9%, 41%, 0%
CMY	0.9059, 0.5922, 1.0000
CMYK	0.77, 0.00, 1.00, 0.59
HSL	106°, 100%, 20%
HSV	106°, 100%, 41%
XYZ	5.3270, 10.0948, 1.6677
YIQ	68.2240, -14.2960, -49.3040

# Conversions

## Conversions Part 2

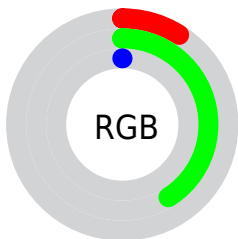
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 104, 80
Decimal	1599488
CIELab	38.01, -41.47, 43.46
CIELCh	38, 60.064, 133.658
Yxy	10.0948, 0.3117, 0.5907
Android (android.graphics.Color)	4279789568 (0xFF186800)
YUV	68.2240, -33.6344, -38.7844
Hunter-Lab	31.7723, -25.6740, 19.1285

# Details

The Hex color **186800** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **500068**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **539C3A**, and **003700** is the 20% darker color. If you saturate the color by 10%, you get **186800**, and if you desaturate by 10%, it is **20680A**.

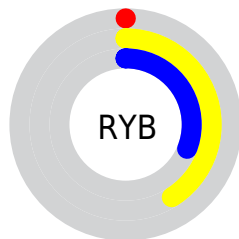
# Distribution



Red (9%)

Green (41%)

Blue (0%)



Red (0%)

Yellow (41%)

Blue (31%)

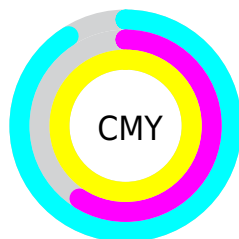


Cyan (77%)

Magenta (0%)

Yellow (100%)

Black (59%)



Cyan (91%)

Magenta (59%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 186800 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 186800 by changing the saturation by 10% instead.



 186800

 186800

 FFFFF7

 004F00

 539C3A

 003700

 6FB753

 002300

 8AD36D


 000000

 A6F087

 C2FFA2

 DFFFBE

 FDFFDA

 186800

 20680A

 286815

 30681F

 38682A

 406834

 48683E

 506849

 586853

 60685E

# Harmonies

## Analogous

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



595E00



186800



006D3C

# Triad

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



186800



0067B8



AD1A46

# Complementary

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



186800



500068

# 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.



A12276



186800



0058B9

# Square

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



186800



006D9C



7640A1



A13416

# Rectangle

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



186800



006E5E



7640A1



AC1756



# Sweetspot

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



186800



68875F



685000



32452C



C4C4C4



454545



# Same Dimension

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



186800



1F8700



00681C



2F332E



1A7300



38F200



# Inverse Universe

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



500068



680087



68004C



322E33



580073

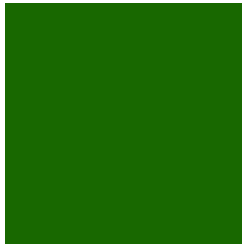


BA00F2



# Previews

## White Background



This preview shows how the Hex color 186800 looks on a white background.

## Color Contrast Check

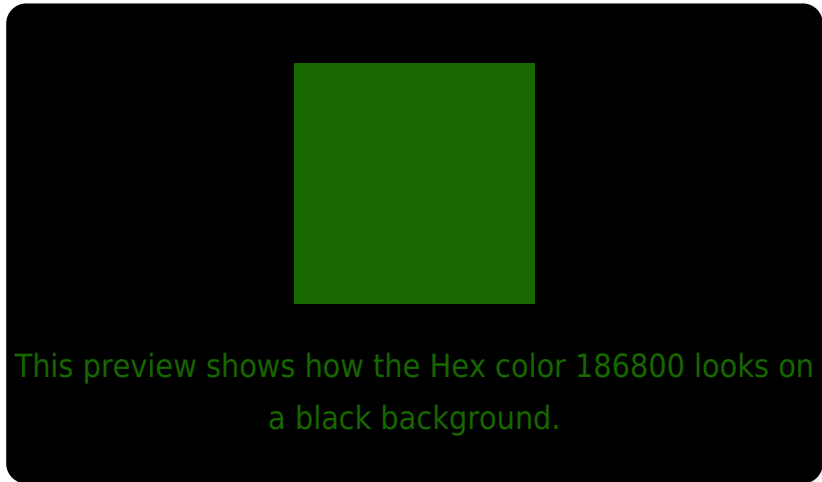
Large Text (above 18pt) WCAG AA ✓ Pass

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

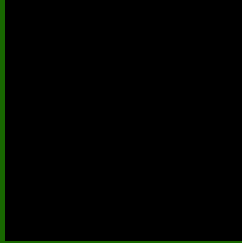
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 186800 Background



This preview shows how black text looks on a background with the Hex color 186800.



This preview shows how white text looks on a background with the Hex color 186800.

# 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**  
186800

**Protanopia**  
655A00

**Deuteranopia**  
705516



**Tritanopia**  
316168

# Trichromacy



**Original Color**  
186800

**Protanomaly**  
495F00

**Deuteranomaly**  
505C0E

**Tritanomaly**  
286442

# Monochromacy



**Original Color**  
186800

**Achromatopsia**  
444444

**Achromatomaly**  
34512B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 186800 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 #186800 looks like.

```
.text, #text, p{  
    color:#186800  
}
```

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 #186800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #186800
}
```

## Border

The CSS property to change the border of an element to Hex 186800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

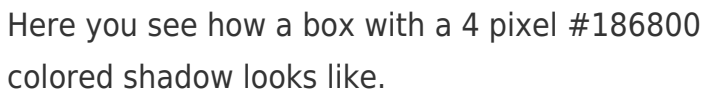
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#186800 }
```

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

```
.border{ border-color:#186800 }
```

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



Here you see how a box with a 4 pixel #186800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #186800; -webkit-box-shadow:4px 4px  
4px 4px #186800; box-shadow:4px 4px 4px  
4px #186800 }
```

# Background

The CSS property to change the background color of an element to Hex 186800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#186800 }
```

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

```
.background{ background-color:#186800 }
```

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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