

Converting Colors

Hex(186C18)

Have a look what the booklet for
Hex(186C18) contains.

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Color

Hex(186C18)

Conversions

Conversions Part 1

Format	Color
Hex	186C18
RGB	24, 108, 24
RGB Percent	9%, 42%, 9%
CMY	0.9059, 0.5765, 0.9059
CMYK	0.78, 0.00, 0.78, 0.58
HSL	120°, 64%, 26%
HSV	120°, 78%, 42%
XYZ	5.9041, 10.9853, 2.6733
YIQ	73.3080, -23.1000, -43.9320

Conversions

Conversions Part 2

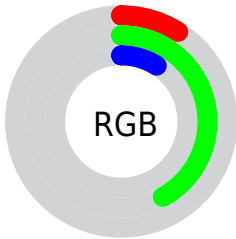
Format	Color
R_{YB}	24, 108, 108
Decimal	1600536
CIE _{Lab}	39.56, -41.44, 37.66
CIE _{LCh}	40, 55.996, 137.741
Yxy	10.9853, 0.3018, 0.5615
Android (android.graphics.Color)	4279790616 (0xFF186C18)
YUV	73.3080, -24.3088, -43.2431
Hunter-Lab	33.1440, -26.2049, 18.4186

Details

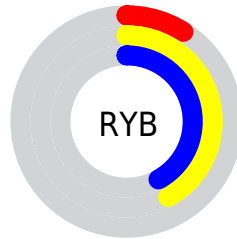
The Hex color **186C18** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6C186C**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **53A04A**, and **003B00** is the 20% darker color. If you saturate the color by 10%, you get **0D6C0D**, and if you desaturate by 10%, it is **236C23**.

Distribution



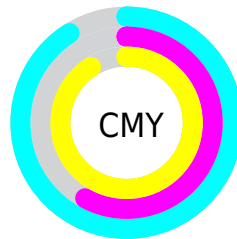
- Red (9%)
- Green (42%)
- Blue (9%)



- Red (9%)
- Yellow (42%)
- Blue (42%)



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



- Cyan (91%)
- Magenta (58%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 186C18 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 186C18 by changing the saturation by 10% instead.

 186C18

 186C18

FFFFFF

 005300

 53A04A

 003B00

 6FBC63

 002700

 8AD87C

 000000

 A6F597

 C2FFB2

 DFFFCE

 FCFFEA

 186C18

 186C18

■ 0D6C0D

■ 236C23

■ 026C02

■ 2E6C2E

■ 006C00

■ 386C38

■ 436C43

■ 4E6C4E

■ 596C59

■ 646C64

■ 6E6C6E

■ 796C79

Harmonies

Analogous

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



586300



186C18



007048

Triad

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



186C18



0068B7



AD2B44

Complementary

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



186C18



6C186C

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.



A52C72



186C18



2959B5

Square

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



186C18



006FA0



80439B



9F3F19

Rectangle

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



186C18



007168



80439B



AD2853

Sweetspot

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



186C18



6C8C6C



6C6C18



334733



C7C7C7



474747

Same Dimension

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



186C18



0A8C0A



186C42



303630



007500



00F500

Inverse Universe

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



6C186C



8C0A8C



6C1842



363036



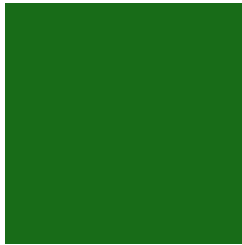
750075



F500F5

Previews

White Background



This preview shows how the Hex color 186C18 looks on a white background.

Color Contrast Check

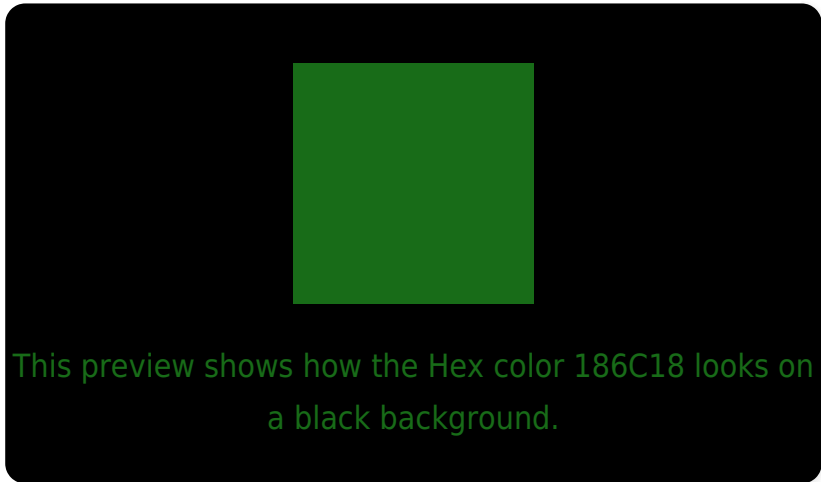
Large Text (above 18pt) WCAG AA ✓ Pass

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 186C18 Background



This preview shows how black text looks on a background with the Hex color 186C18.



This preview shows how white text looks on a background with the Hex color 186C18.

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
186C18

Protanopia
685D14

Deuteranopia
745821

Trichromacy



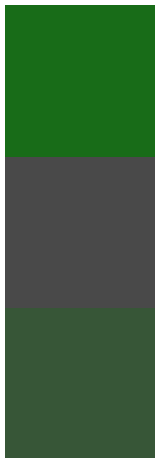
Original Color
186C18

Protanomaly
4B6215

Deuteranomaly
535F1E

Tritanomaly
29684E

Monochromacy



Original Color
186C18

Achromatopsia
494949

Achromatomaly
375637

CSS Examples

Text

The CSS property to change the color of the text to Hex 186C18 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 #186C18 looks like.

```
.text, #text, p{  
    color:#186C18  
}
```

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 #186C18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #186C18  
}
```

Border

The CSS property to change the border of an element to Hex 186C18 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  
#186C18 }
```

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

```
.border{ border-color:#186C18 }
```

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

Here you see how a box with a 4 pixel #186C18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #186C18; -webkit-box-shadow:4px 4px  
4px 4px #186C18; box-shadow:4px 4px 4px  
4px #186C18 }
```

Background

The CSS property to change the background color of an element to Hex 186C18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#186C18 }
```

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

```
.background{ background-color:#186C18 }
```

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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