

Converting Colors

Hex(186D0E)

Have a look what the booklet for
Hex(186D0E) contains.

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Color

Hex(186D0E)

Conversions

Conversions Part 1

Format	Color
Hex	186D0E
RGB	24, 109, 14
RGB Percent	9%, 43%, 5%
CMY	0.9059, 0.5725, 0.9451
CMYK	0.78, 0.00, 0.87, 0.57
HSL	114°, 77%, 24%
HSV	114°, 87%, 43%
XYZ	5.9246, 11.1632, 2.2579
YIQ	72.7550, -20.1650, -47.5650

Conversions

Conversions Part 2

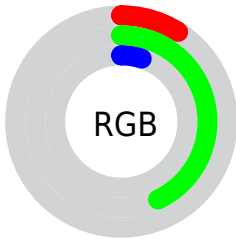
Format	Color
RYB	14, 109, 99
Decimal	1600782
CIELab	39.85, -42.50, 41.35
CIELCh	40, 59.299, 135.785
Yxy	11.1632, 0.3062, 0.5770
Android (android.graphics.Color)	4279790862 (0xFF186D0E)
YUV	72.7550, -28.9662, -42.7581
Hunter-Lab	33.4113, -26.8177, 19.3812

Details

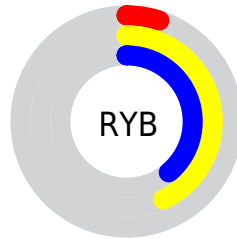
The Hex color **186D0E** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **630E6D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **54A243**, and **003C00** is the 20% darker color. If you saturate the color by 10%, you get **0E6D03**, and if you desaturate by 10%, it is **226D19**.

Distribution



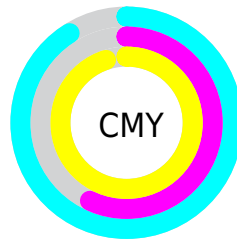
- Red (9%)
- Green (43%)
- Blue (5%)



- Red (5%)
- Yellow (43%)
- Blue (39%)



- Cyan (78%)
- Magenta (0%)
- Yellow (87%)
- Black (57%)



- Cyan (91%)
- Magenta (57%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 186D0E 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 186D0E by changing the saturation by 10% instead.

 186D0E

 186D0E

FFFFFF

 005400

 54A243

 003C00

 6FBD5C

 002800

 8BD976

 000000

 A7F690

 C3FFAB

 E0FFC7

 FEFFE4

 186D0E

 186D0E

■ 0E6D03

■ 226D19

■ 0B6D00

■ 2C6D24

■ 356D2F

■ 3F6D3A

■ 496D44

■ 536D4F

■ 5C6D5A

■ 666D65

■ 706D70

Harmonies

Analogous

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



5B6400



186D0E



007244

Triad

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



186D0E



006ABC



B22447

Complementary

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



186D0E



630E6D

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.



A82877



186D0E



045BBC

Square

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



186D0E



0071A3



7F43A2



A43C18

Rectangle

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



186D0E



007366



7F43A2



B12157

Sweetspot

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



186D0E



6E8F6A



6D620E



344731



C7C7C7



474747

Same Dimension

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



186D0E



0F8F00



0E6D32



313630



0C7500



1AF500

Inverse Universe

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



630E6D



80008F



6D0E49



353036



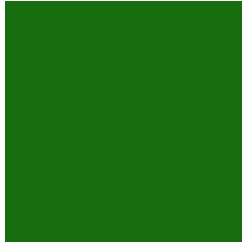
690075



DB00F5

Previews

White Background



This preview shows how the Hex color 186D0E looks on a white background.

Color Contrast Check

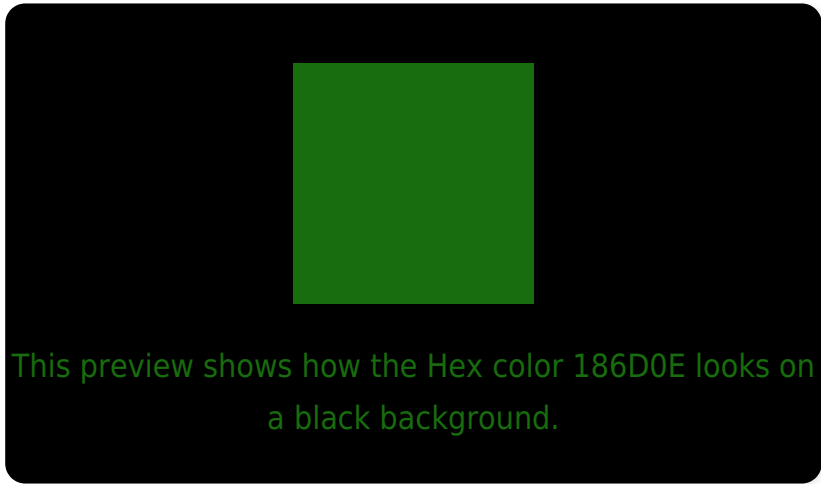
Large Text (above 18pt) WCAG AA ✓ Pass

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

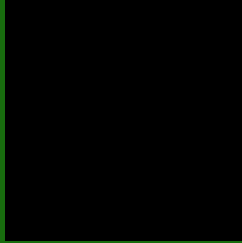
Any Text WCAG AA × Fail

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 186D0E Background



This preview shows how black text looks on a background with the Hex color 186D0E.



This preview shows how white text looks on a background with the Hex color 186D0E.

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
186D0E

Protanopia
6A5E09

Deuteranopia
75591B

Trichromacy



Original Color
186D0E



Protanomaly
4C630B



Deuteranomaly
536016

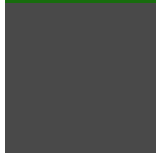


Tritanomaly
29684B

Monochromacy



Original Color
186D0E



Achromatopsia
494949



Achromatomaly
375634

CSS Examples

Text

The CSS property to change the color of the text to Hex 186D0E 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 #186D0E looks like.

```
.text, #text, p{  
    color:#186D0E  
}
```

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 #186D0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #186D0E
}
```

Border

The CSS property to change the border of an element to Hex 186D0E 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".

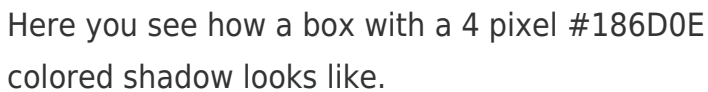
```
.border, #border, table{ border:4px solid
#186D0E }
```

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

```
.border{ border-color:#186D0E }
```

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

Here you see how a box with a 4 pixel #186D0E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #186D0E; -webkit-box-shadow:4px 4px  
4px 4px #186D0E; box-shadow:4px 4px 4px  
4px #186D0E }
```

Background

The CSS property to change the background color of an element to Hex 186D0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#186D0E }
```

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

```
.background{ background-color:#186D0E }
```

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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