

Converting Colors

Hex(196B0D)

Have a look what the booklet for
Hex(196B0D) contains.

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Color

Hex(196B0D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 196B0D |
| RGB | 25, 107, 13 |
| RGB Percent | 10%, 42%, 5% |
| CMY | 0.9020, 0.5804, 0.9490 |
| CMYK | 0.77, 0.00, 0.88, 0.58 |
| HSL | 112°, 78%, 24% |
| HSV | 112°, 88%, 42% |
| XYZ | 5.7312, 10.7511, 2.1539 |
| YIQ | 71.7660, -18.6980, -46.6180 |

Conversions

Conversions Part 2

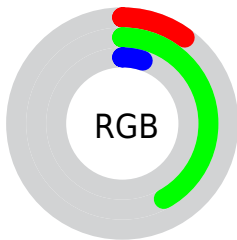
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 13, 107, 95 |
| Decimal | 1665805 |
| CIELab | 39.16, -41.68, 41.01 |
| CIELCh | 39, 58.474, 135.466 |
| Yxy | 10.7511, 0.3075, 0.5769 |
| Android (android.graphics.Color) | 4279855885 (0xFF196B0D) |
| YUV | 71.7660, -28.9716, -41.0138 |
| Hunter-Lab | 32.7889, -26.1802, 19.0575 |

Details

The Hex color **196B0D** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5F0D6B**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **549F42**, and **003A00** is the 20% darker color. If you saturate the color by 10%, you get **106B02**, and if you desaturate by 10%, it is **226B18**.

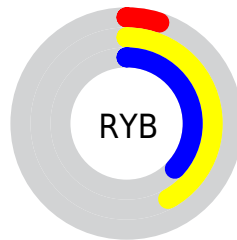
Distribution



Red (10%)

Green (42%)

Blue (5%)



Red (5%)

Yellow (42%)

Blue (37%)

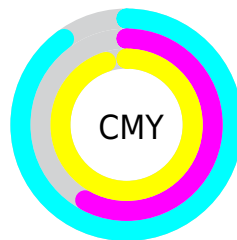


Cyan (77%)

Magenta (0%)

Yellow (88%)

Black (58%)



Cyan (90%)

Magenta (58%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 196B0D 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 196B0D by changing the saturation by 10% instead.

 196B0D

 196B0D

FFFFFF

 005200

 549F42

 003A00

 6FBB5B

 002600

 8BD775

 000000

 A7F38F

 C3FFAA

 E0FFC6

 FEFFE2

 196B0D

 196B0D

■ 106B02

■ 226B18

■ 0E6B00

■ 2C6B22

■ 356B2D

■ 3E6B38

■ 486B42

■ 516B4D

■ 5A6B58

■ 646B63

■ 6D6B6D

Harmonies

Analogous

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



596200



196B0D



007043

Triad

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



196B0D



0068B9



AF2346

Complementary

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



196B0D



5F0D6B

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.



A42875



196B0D



005AB9

Square

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



196B0D



006FA0



7C42A0



A13A18

Rectangle

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



196B0D



007164



7C42A0



AE2056

Sweetspot

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



196B0D



6C8C68



6B5E0D



344731



C7C7C7



474747

Same Dimension

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



196B0D



128C00



0D6B2F



313630



0F7500



1FF500

Inverse Universe

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



5F0D6B



7A008C



6B0D49



353036



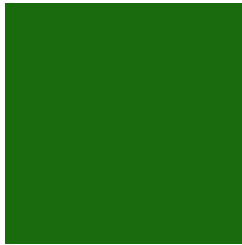
660075



D600F5

Previews

White Background



This preview shows how the Hex color 196B0D looks on a white background.

Color Contrast Check

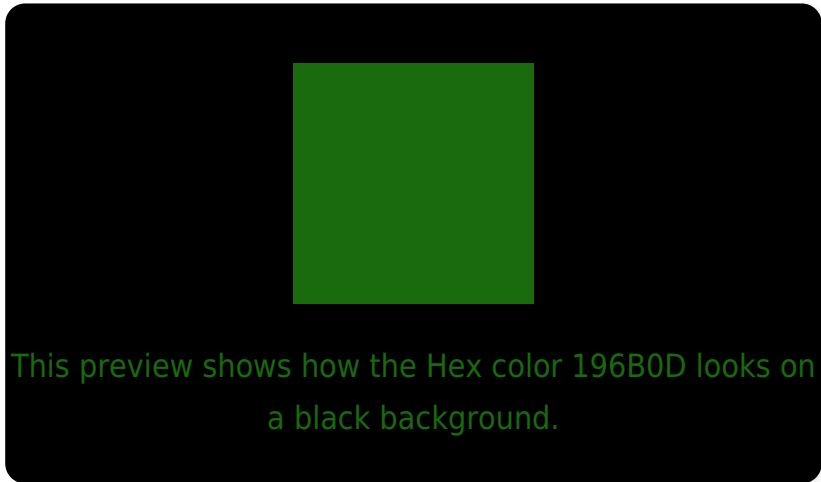
Large Text (above 18pt) WCAG AA ✓ Pass

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

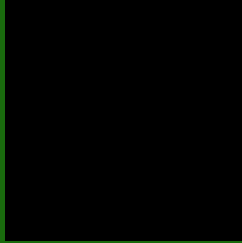
Any Text WCAG AA × Fail

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 196B0D Background



This preview shows how black text looks on a background with the Hex color 196B0D.



This preview shows how white text looks on a background with the Hex color 196B0D.

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
196B0D

Protanopia
685C07

Deuteranopia
73571A



Tritanopia
32646C

Trichromacy



Original Color
196B0D

Protanomaly
4B6109

Deuteranomaly
525E15

Tritanomaly
296749

Monochromacy



Original Color
196B0D

Achromatopsia
484848

Achromatomaly
375533

CSS Examples

Text

The CSS property to change the color of the text to Hex 196B0D 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 #196B0D looks like.

```
.text, #text, p{  
    color:#196B0D  
}
```

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 #196B0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #196B0D
}
```

Border

The CSS property to change the border of an element to Hex 196B0D 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
#196B0D }
```

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

```
.border{ border-color:#196B0D }
```

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

Here you see how a box with a 4 pixel #196B0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #196B0D; -webkit-box-shadow:4px 4px  
4px 4px #196B0D; box-shadow:4px 4px 4px  
4px #196B0D }
```

Background

The CSS property to change the background color of an element to Hex 196B0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#196B0D }
```

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

```
.background{ background-color:#196B0D }
```

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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