

# Converting Colors

Hex(184E0C)

Have a look what the booklet for  
Hex(184E0C) contains.

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# Color

Hex(184E0C)

# Conversions

## Conversions Part 1

Format	Color
Hex	184E0C
RGB	24, 78, 12
RGB Percent	9%, 31%, 5%
CMY	0.9059, 0.6941, 0.9529
CMYK	0.69, 0.00, 0.85, 0.69
HSL	109°, 73%, 18%
HSV	109°, 85%, 31%
XYZ	3.1674, 5.6695, 1.2752
YIQ	54.3300, -10.9980, -31.9740

# Conversions

## Conversions Part 2

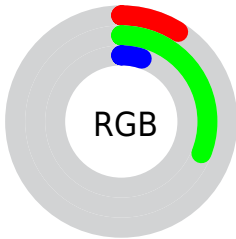
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 78, 66
Decimal	1592844
CIELab	28.56, -31.18, 31.41
CIELCh	29, 44.261, 134.786
Yxy	5.6695, 0.3132, 0.5607
Android (android.graphics.Color)	4279782924 (0xFF184E0C)
YUV	54.3300, -20.8687, -26.5994
Hunter-Lab	23.8107, -17.9237, 13.4922

# Details

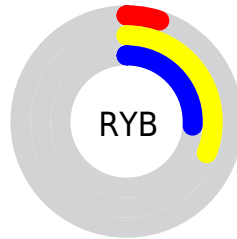
The Hex color **184E0C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **420C4E**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **4C803C**, and **002300** is the 20% darker color. If you saturate the color by 10%, you get **124E04**, and if you desaturate by 10%, it is **1E4E14**.

# Distribution



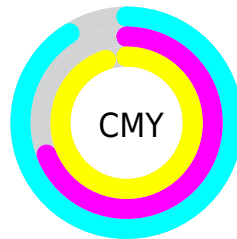
- Red (9%)
- Green (31%)
- Blue (5%)



- Red (5%)
- Yellow (31%)
- Blue (26%)



- Cyan (69%)
- Magenta (0%)
- Yellow (85%)
- Black (69%)



- Cyan (91%)
- Magenta (69%)
- Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 184E0C 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 184E0C by changing the saturation by 10% instead.



 184E0C

 184E0C

 FFFFF5

 003700

 4C803C

 002300

 669A54

 000000

 80B56D

 9BD186

 B6EDA1

 D2FFBC

 EFFFFD8

 184E0C

 184E0C

■ 124E04

■ 1E4E14

■ 0E4E00

■ 254E1C

■ 2B4E23

■ 324E2B

■ 384E33

■ 3E4E3B

■ 454E43

■ 4B4E4A

■ 514E52

# Harmonies

## Analogous

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



434700



184E0C



005230

# Triad

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



184E0C



004C86



7F1D34

# Complementary

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



184E0C



420C4E

# 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.



772156



184E0C



0D4286

# Square

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



184E0C



005173



593274



762B14

# Rectangle

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



184E0C



005248



593274



7F1C3F



# Sweetspot

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



184E0C



51664D



4E420C



263324



B3B3B3



333333



# Same Dimension

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



184E0C



136600



0C4E21



232622



2AE600

# Inverse Universe

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



420C4E



530066



4E0C39



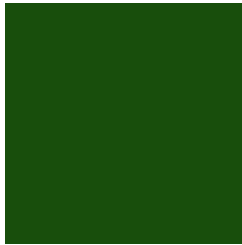
262226



BC00E6

# Previews

## White Background



This preview shows how the Hex color 184E0C looks on a white background.

## Color Contrast Check

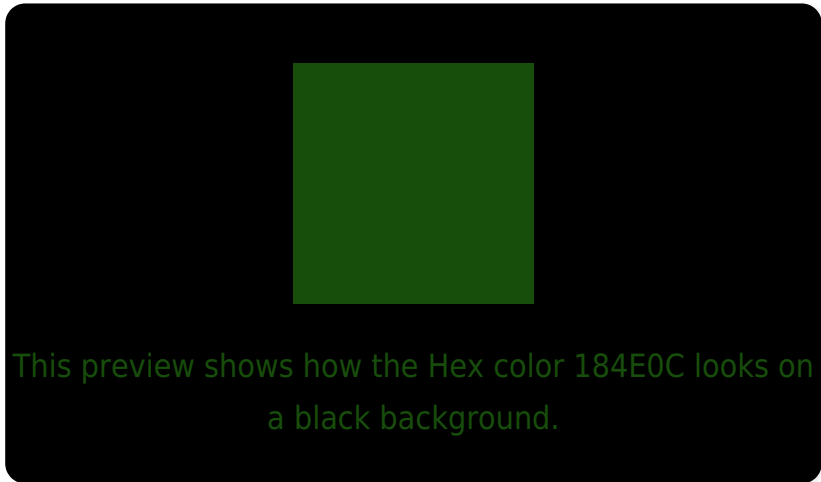
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

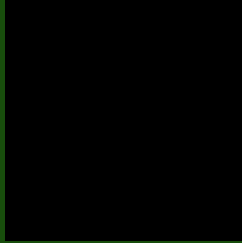
Any Text WCAG AA × Fail

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 184E0C Background



This preview shows how black text looks on a background with the Hex color 184E0C.



This preview shows how white text looks on a background with the Hex color 184E0C.

# 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**  
184E0C

**Protanopia**  
4C4409

**Deuteranopia**  
544014





**Tritanopia**  
27494E

# Trichromacy



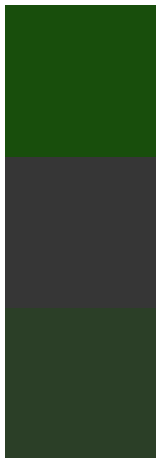
**Original Color**  
184E0C

**Protanomaly**  
39480A

**Deuteranomaly**  
3E4511

**Tritanomaly**  
224B36

# Monochromacy



**Original Color**  
184E0C

**Achromatopsia**  
363636

**Achromatomaly**  
2B3F27

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 184E0C 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 #184E0C looks like.

```
.text, #text, p{  
    color:#184E0C  
}
```

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 #184E0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #184E0C
}
```

## Border

The CSS property to change the border of an element to Hex 184E0C 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".

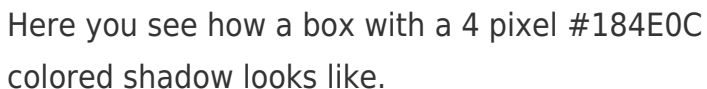
```
.border, #border, table{ border:4px solid
#184E0C }
```

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

```
.border{ border-color:#184E0C }
```

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

Here you see how a box with a 4 pixel #184E0C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #184E0C; -webkit-box-shadow:4px 4px  
4px 4px #184E0C; box-shadow:4px 4px 4px  
4px #184E0C }
```

# Background

The CSS property to change the background color of an element to Hex 184E0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#184E0C }
```

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

```
.background{ background-color:#184E0C }
```

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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