

# Converting Colors

Hex(185C05)

Have a look what the booklet for  
Hex(185C05) contains.

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**Color**

**Hex(185C05)**

# Conversions

## Conversions Part 1

Format	Color
Hex	185C05
RGB	24, 92, 5
RGB Percent	9%, 36%, 2%
CMY	0.9059, 0.6392, 0.9804
CMYK	0.74, 0.00, 0.95, 0.64
HSL	107°, 90%, 19%
HSV	107°, 95%, 36%
XYZ	4.2312, 7.8594, 1.4376
YIQ	61.7500, -12.6010, -41.4730

# Conversions

## Conversions Part 2

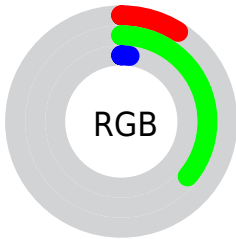
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 92, 73
Decimal	1596421
CIELab	33.69, -36.97, 38.40
CIELCh	34, 53.302, 133.912
Yxy	7.8594, 0.3128, 0.5810
Android (android.graphics.Color)	4279786501 (0xFF185C05)
YUV	61.7500, -27.9778, -33.1067
Hunter-Lab	28.0347, -22.1200, 16.5839

# Details

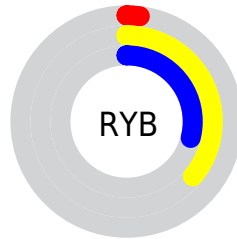
The Hex color **185C05** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **49055C**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **508F3A**, and **002D00** is the 20% darker color. If you saturate the color by 10%, you get **145C00**, and if you desaturate by 10%, it is **1F5C0E**.

# Distribution



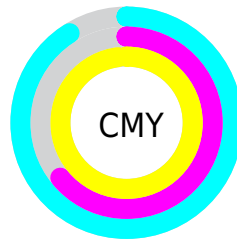
- Red (9%)
- Green (36%)
- Blue (2%)



- Red (2%)
- Yellow (36%)
- Blue (29%)



- Cyan (74%)
- Magenta (0%)
- Yellow (95%)
- Black (64%)



- Cyan (91%)
- Magenta (64%)
- Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 185C05 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 185C05 by changing the saturation by 10% instead.



 185C05

 185C05

 FFFFF5

 004400

 508F3A

 002D00

 6AAA53

 001500

 85C56C

 000000

 A1E286

 BDFEA1

 D9FFBC

 F7FFD8

 185C05

 185C05

■ 145C00

■ 1F5C0E

■ 265C17

■ 2E5C21

■ 355C2A

■ 3C5C33

■ 435C3C

■ 4A5C45

■ 525C4F

■ 595C58

# Harmonies

## Analogous

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



4F5300



185C05



006036

# Triad

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



185C05



005BA1



981B3E

# Complementary

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



185C05



49055C

# 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.



8E2168



185C05



004EA2

# Square

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



185C05



006089



69398D



8D3015

# Rectangle

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



185C05



006154



69398D



98194C



# Sweetspot

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



185C05



5E7856



5C4805



2D3D28



BDBDBD



3D3D3D



# Same Dimension

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



185C05



1A7800



055C1C



2A2E29



186E00



34ED00



# Inverse Universe

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



49055C



5E0078



5C0545



2D292E



56006E

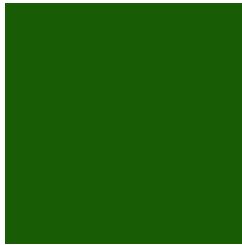


B900ED



# Previews

## White Background



This preview shows how the Hex color 185C05 looks on a white background.

## Color Contrast Check

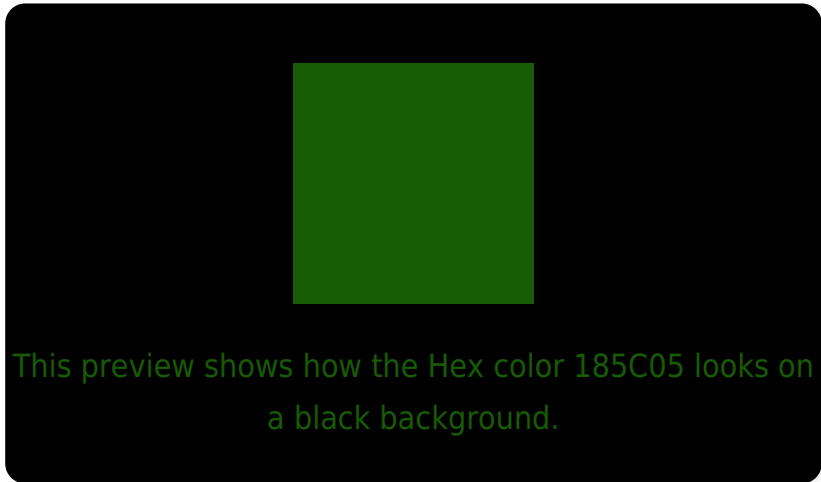
Large Text (above 18pt) WCAG AA ✓ Pass

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

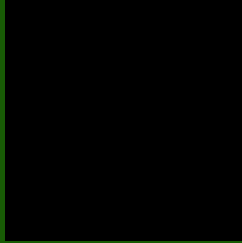
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 185C05 Background



This preview shows how black text looks on a background with the Hex color 185C05.



This preview shows how white text looks on a background with the Hex color 185C05.

# 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**  
185C05

**Protanopia**  
594F00

**Deuteranopia**  
634B14



# Trichromacy



**Original Color**  
185C05

**Protanomaly**  
415402

**Deuteranomaly**  
48510F

**Tritanomaly**  
25583C

# Monochromacy



**Original Color**  
185C05

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
304929

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 185C05 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 #185C05 looks like.

```
.text, #text, p{  
    color:#185C05  
}
```

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 #185C05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #185C05
}
```

## Border

The CSS property to change the border of an element to Hex 185C05 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".

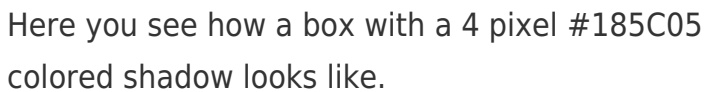
```
.border, #border, table{ border:4px solid
#185C05 }
```

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

```
.border{ border-color:#185C05 }
```

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

Here you see how a box with a 4 pixel #185C05 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a thick, dark green line that is 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #185C05; -webkit-box-shadow:4px 4px  
4px 4px #185C05; box-shadow:4px 4px 4px  
4px #185C05 }
```

# Background

The CSS property to change the background color of an element to Hex 185C05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#185C05 }
```

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

```
.background{ background-color:#185C05 }
```

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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