

Converting Colors

Hex(175D05)

Have a look what the booklet for
Hex(175D05) contains.

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Color

Hex(175D05)

Conversions

Conversions Part 1

Format	Color
Hex	175D05
RGB	23, 93, 5
RGB Percent	9%, 36%, 2%
CMY	0.9098, 0.6353, 0.9804
CMYK	0.75, 0.00, 0.95, 0.64
HSL	108°, 90%, 19%
HSV	108°, 95%, 36%
XYZ	4.2951, 8.0218, 1.4656
YIQ	62.0380, -13.4720, -42.2080

Conversions

Conversions Part 2

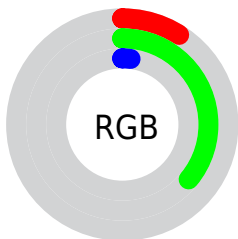
Format	Color
RYB	5, 93, 75
Decimal	1531141
CIELab	34.03, -37.55, 38.68
CIELCh	34, 53.906, 134.147
Yxy	8.0218, 0.3116, 0.5820
Android (android.graphics.Color)	4279721221 (0xFF175D05)
YUV	62.0380, -28.1197, -34.2363
Hunter-Lab	28.3228, -22.4958, 16.7580

Details

The Hex color **175D05** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4B055D**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **50903A**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **135D00**, and if you desaturate by 10%, it is **1E5D0E**.

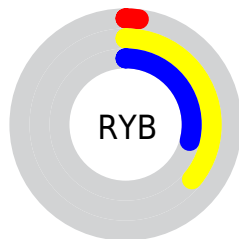
Distribution



Red (9%)

Green (36%)

Blue (2%)



Red (2%)

Yellow (36%)

Blue (29%)

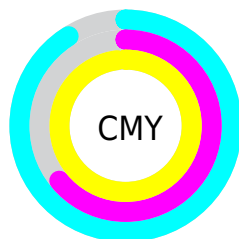


Cyan (75%)

Magenta (0%)

Yellow (95%)

Black (64%)



Cyan (91%)

Magenta (64%)


Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 175D05 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 175D05 by changing the saturation by 10% instead.

 175D05

 175D05

 FFFFF5

 004500

 50903A

 002E00

 6AAB53

 001700

 85C76C

 000000

 A1E386

 BDFFA1

 D9FFBD

 F6FFD9

 175D05

 175D05

■ 135D00

■ 1E5D0E

■ 265D18

■ 2D5D21

■ 355D2A

■ 3C5D33

■ 435D3D

■ 4B5D46

■ 525D4F

■ 5A5D59

Harmonies

Analogous

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



4F5400



175D05



006137

Triad

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



175D05



005BA3



9A1B3E

Complementary

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



175D05



4B055D

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.



902169



175D05



004FA4

Square

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



175D05



00618B



6A3A8E



8F3014

Rectangle

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



175D05



006255



6A3A8E



99194C

Sweetspot

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



175D05



5D7856



5D4A05



2D3D28



BDBDBD



3D3D3D

Same Dimension

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



175D05



197800



055D1E



2A2E29



166E00



31ED00

Inverse Universe

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



4B055D



5F0078



5D0544



2D292E



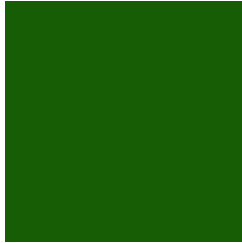
57006E



BD00ED

Previews

White Background



This preview shows how the Hex color 175D05 looks on a white background.

Color Contrast Check

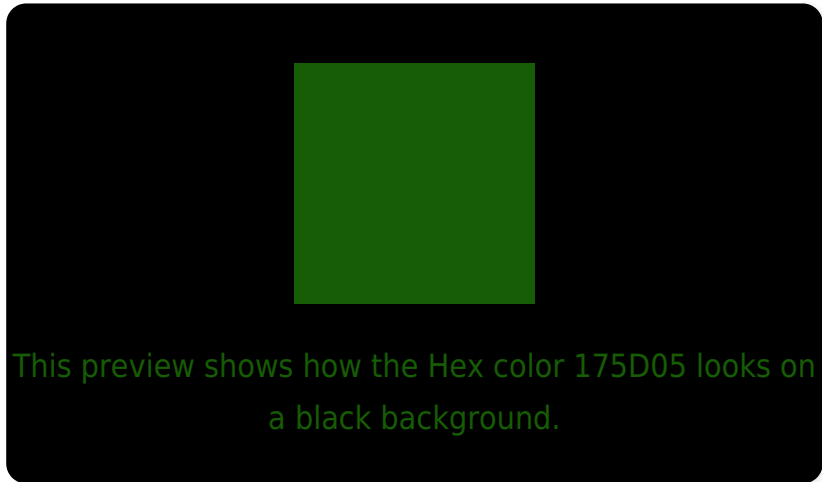
Large Text (above 18pt) WCAG AA ✓ Pass

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

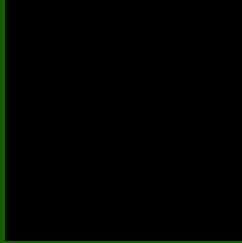
Any Text WCAG AA × Fail

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 175D05 Background



This preview shows how black text looks on a background with the Hex color 175D05.



This preview shows how white text looks on a background with the Hex color 175D05.

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
175D05

Protanopia
5A5000

Deuteranopia
644C14

Trichromacy



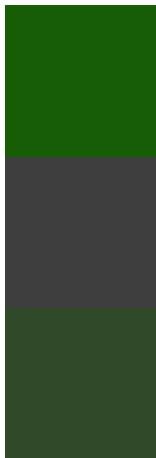
Original Color
175D05

Protanomaly
425502

Deuteranomaly
48520F

Tritanomaly
24593D

Monochromacy



Original Color
175D05

Achromatopsia
3E3E3E

Achromatomaly
304929

CSS Examples

Text

The CSS property to change the color of the text to Hex 175D05 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 #175D05 looks like.

```
.text, #text, p{  
    color:#175D05  
}
```

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 #175D05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #175D05
}
```

Border

The CSS property to change the border of an element to Hex 175D05 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".

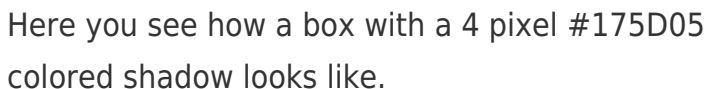
```
.border, #border, table{ border:4px solid
#175D05 }
```

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

```
.border{ border-color:#175D05 }
```

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

Here you see how a box with a 4 pixel #175D05 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #175D05; -webkit-box-shadow:4px 4px  
4px 4px #175D05; box-shadow:4px 4px 4px  
4px #175D05 }
```

Background

The CSS property to change the background color of an element to Hex 175D05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#175D05 }
```

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

```
.background{ background-color:#175D05 }
```

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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