

Converting Colors

Hex(175B25)

Have a look what the booklet for
Hex(175B25) contains.

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Color

Hex(175B25)

Conversions

Conversions Part 1

Format	Color
Hex	175B25
RGB	23, 91, 37
RGB Percent	9%, 36%, 15%
CMY	0.9098, 0.6431, 0.8549
CMYK	0.75, 0.00, 0.59, 0.64
HSL	132°, 60%, 22%
HSV	132°, 75%, 36%
XYZ	4.4284, 7.7979, 3.0220
YIQ	64.5120, -23.1940, -31.2100

Conversions

Conversions Part 2

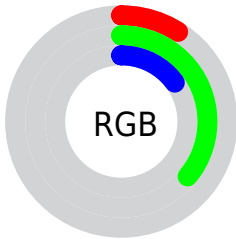
Format	Color
RYB	23, 79, 91
Decimal	1530661
CIELab	33.56, -33.70, 24.89
CIELCh	34, 41.894, 143.547
Yxy	7.7979, 0.2904, 0.5114
Android (android.graphics.Color)	4279720741 (0xFF175B25)
YUV	64.5120, -13.5634, -36.4060
Hunter-Lab	27.9247, -20.5613, 13.1309

Details

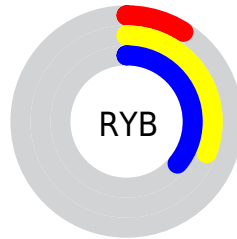
The Hex color **175B25** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5B174D**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **4D8E53**, and **002C00** is the 20% darker color. If you saturate the color by 10%, you get **0E5B1E**, and if you desaturate by 10%, it is **205B2C**.

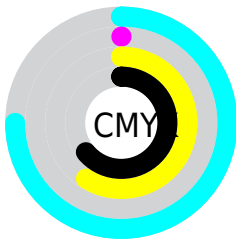
Distribution



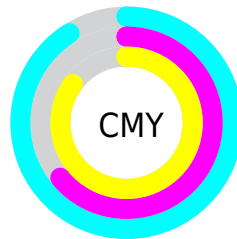
- Red (9%)
- Green (36%)
- Blue (15%)



- Red (9%)
- Yellow (31%)
- Blue (36%)



- Cyan (75%)
- Magenta (0%)
- Yellow (59%)
- Black (64%)




- Cyan (91%)
- Magenta (64%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 175B25 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 175B25 by changing the saturation by 10% instead.

 175B25

 175B25

FFFFFF

 00430F

 4D8E53

 002C00

 67A96C

 001500

 82C486

 000000


 9DE0A0

 B9FDBB

 D5FFD7

 F2FFF4

 175B25

 175B25

■ 0E5B1E

■ 205B2C

■ 055B17

■ 295B33

■ 005B13

■ 325B3B

■ 3B5B42

■ 455B49

■ 4E5B50

■ 575B58

■ 605B5F

■ 695B66

Harmonies

Analogous

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



465508



175B25



005E46

Triad

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



175B25



005591



8A3136

Complementary

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



175B25



5B174D

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.



862F58



175B25



41498C

Square

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



175B25



005C84



703A77



7D3D19

Rectangle

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



175B25



005E5D



703A77



8B2E41

Sweetspot

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



175B25



5B7561



4D5B17



2B3B2F



BABABA



3B3B3B

Same Dimension

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



175B25



0C7521



175B47



292E2A



006E17



00ED31

Inverse Universe

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



5B174D



750C60



5B172B



2E292D



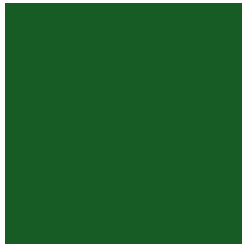
6E0057



ED00BC

Previews

White Background



This preview shows how the Hex color 175B25 looks on a white background.

Color Contrast Check

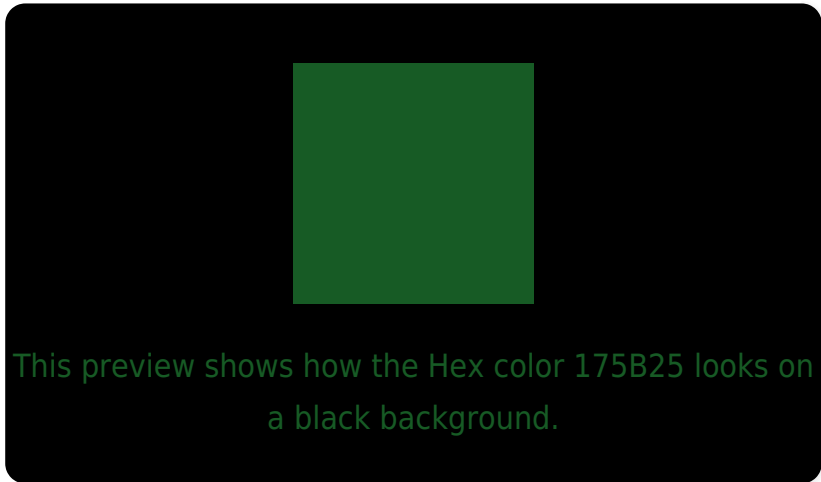
Large Text (above 18pt) WCAG AA ✓ Pass

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

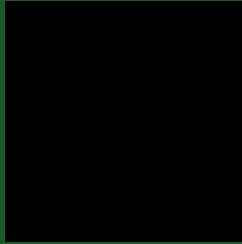
Any Text WCAG AA × Fail

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 175B25 Background



This preview shows how black text looks on a background with the Hex color 175B25.



This preview shows how white text looks on a background with the Hex color 175B25.

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](#).

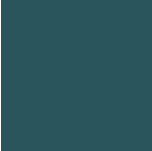
Dichromacy



Original Color
175B25

Protanopia
584F21

Deuteranopia
614B2A



Tritanopia
2A555C

Trichromacy



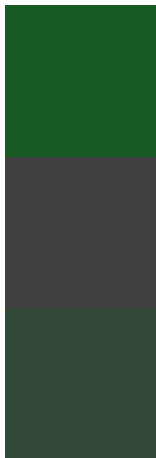
Original Color
175B25

Protanomaly
405322

Deuteranomaly
465128

Tritanomaly
235748

Monochromacy



Original Color
175B25

Achromatopsia
414141

Achromatomaly
324A37

CSS Examples

Text

The CSS property to change the color of the text to Hex 175B25 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 #175B25 looks like.

```
.text, #text, p{  
    color:#175B25  
}
```

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 #175B25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #175B25
}
```

Border

The CSS property to change the border of an element to Hex 175B25 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".

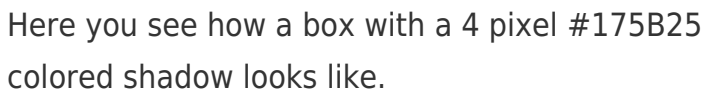
```
.border, #border, table{ border:4px solid
#175B25 }
```

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

```
.border{ border-color:#175B25 }
```

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

Here you see how a box with a 4 pixel #175B25 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #175B25; -webkit-box-shadow:4px 4px  
4px 4px #175B25; box-shadow:4px 4px 4px  
4px #175B25 }
```

Background

The CSS property to change the background color of an element to Hex 175B25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#175B25 }
```

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

```
.background{ background-color:#175B25 }
```

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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