

Converting Colors

Hex(175E25)

Have a look what the booklet for
Hex(175E25) contains.

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Color

Hex(175E25)

Conversions

Conversions Part 1

Format	Color
Hex	175E25
RGB	23, 94, 37
RGB Percent	9%, 37%, 15%
CMY	0.9098, 0.6314, 0.8549
CMYK	0.76, 0.00, 0.61, 0.63
HSL	132°, 61%, 23%
HSV	132°, 76%, 37%
XYZ	4.6900, 8.3211, 3.1092
YIQ	66.2730, -24.0190, -32.7790

Conversions

Conversions Part 2

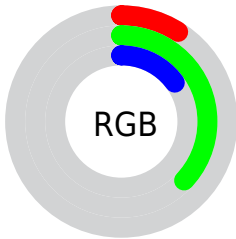
Format	Color
R_{YB}	23, 82, 94
Decimal	1531429
CIE Lab	34.64, -34.90, 26.18
CIE LCh	35, 43.628, 143.117
Yxy	8.3211, 0.2909, 0.5162
Android (android.graphics.Color)	4279721509 (0xFF175E25)
YUV	66.2730, -14.4316, -37.9504
Hunter-Lab	28.8464, -21.4598, 13.8019

Details

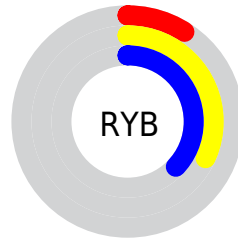
The Hex color **175E25** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5E1750**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **4E9154**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **0E5E1D**, and if you desaturate by 10%, it is **205E2D**.

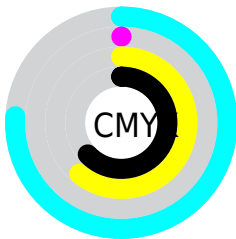
Distribution



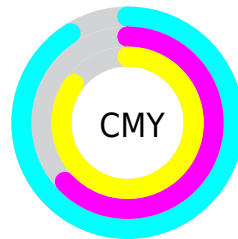
- Red (9%)
- Green (37%)
- Blue (15%)



- Red (9%)
- Yellow (32%)
- Blue (37%)



- Cyan (76%)
- Magenta (0%)
- Yellow (61%)
- Black (63%)



- Cyan (91%)
- Magenta (63%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 175E25 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 175E25 by changing the saturation by 10% instead.



175E25



175E25

FFFFFF



00460E



4E9154



002F00



68AC6C



001900



83C886



000000



9EE4A0



BAFFBC



D6FFD8



F3FFF4



175E25



175E25

■ 0E5E1D

■ 205E2D

■ 045E16

■ 2A5E34

■ 005E13

■ 335E3C

■ 3D5E43

■ 465E4B

■ 4F5E52

■ 595E5A

■ 625E61

■ 6C5E69

Harmonies

Analogous

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



485805



175E25



006148

Triad

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



175E25



005897



8F3138

Complementary

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



175E25



5E1750

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.



8B2F5B



175E25



414C92

Square

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



175E25



005F89



733C7C



823F19

Rectangle

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



175E25



006260



733C7C



902F44

Sweetspot

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



175E25



5E7A64



515E17



2C3D2F



BDBDBD



3D3D3D

Same Dimension

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



175E25



0B7A21



175E48



292E2A



006E16



00ED2F

Inverse Universe

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



5E1750



7A0B64



5E172D



2E292D



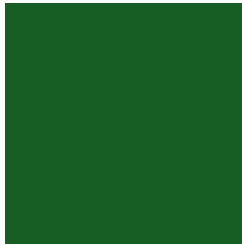
6E0058



ED00BE

Previews

White Background



This preview shows how the Hex color 175E25 looks on a white background.

Color Contrast Check

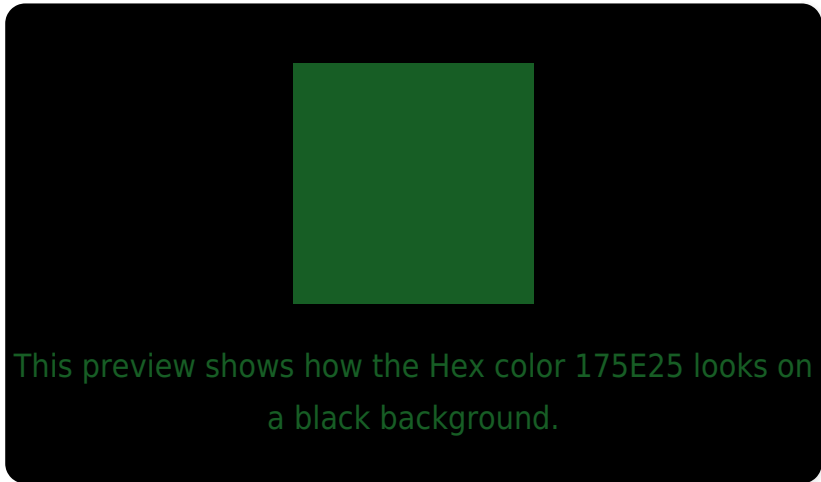
Large Text (above 18pt) WCAG AA ✓ Pass

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

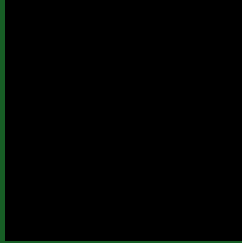
Any Text WCAG AA × Fail

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 175E25 Background



This preview shows how black text looks on a background with the Hex color 175E25.



This preview shows how white text looks on a background with the Hex color 175E25.

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](#).

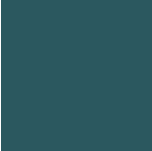
Dichromacy



Original Color
175E25

Protanopia
5A5121

Deuteranopia
644D2A



Tritanopia
2B585F

Trichromacy



Original Color
175E25

Protanomaly
425622

Deuteranomaly
485328

Tritanomaly
245A4A

Monochromacy



Original Color
175E25

Achromatopsia
424242

Achromatomaly
324C37

CSS Examples

Text

The CSS property to change the color of the text to Hex 175E25 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 #175E25 looks like.

```
.text, #text, p{  
    color:#175E25  
}
```

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 #175E25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #175E25
}
```

Border

The CSS property to change the border of an element to Hex 175E25 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".

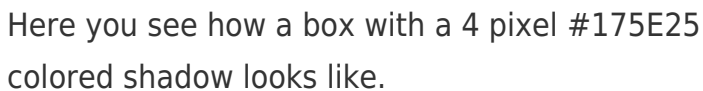
```
.border, #border, table{ border:4px solid
#175E25 }
```

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

```
.border{ border-color:#175E25 }
```

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

Here you see how a box with a 4 pixel #175E25 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #175E25; -webkit-box-shadow:4px 4px  
4px 4px #175E25; box-shadow:4px 4px 4px  
4px #175E25 }
```

Background

The CSS property to change the background color of an element to Hex 175E25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#175E25 }
```

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

```
.background{ background-color:#175E25 }
```

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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