

Converting Colors

Hex(175C31)

Have a look what the booklet for
Hex(175C31) contains.

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Color

Hex(175C31)

Conversions

Conversions Part 1

Format	Color
Hex	175C31
RGB	23, 92, 49
RGB Percent	9%, 36%, 19%
CMY	0.9098, 0.6392, 0.8078
CMYK	0.75, 0.00, 0.47, 0.64
HSL	143°, 60%, 23%
HSV	143°, 75%, 36%
XYZ	4.7349, 8.0582, 4.2116
YIQ	66.4670, -27.3210, -28.0010

Conversions

Conversions Part 2

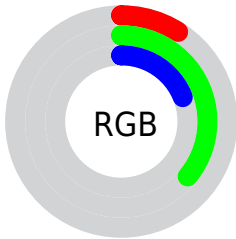
Format	Color
RYB	23, 73, 92
Decimal	1530929
CIELab	34.10, -31.99, 18.75
CIElCh	34, 37.078, 149.627
Yxy	8.0582, 0.2784, 0.4739
Android (android.graphics.Color)	4279721009 (0xFF175C31)
YUV	66.4670, -8.6112, -38.1206
Hunter-Lab	28.3870, -19.9039, 11.0745

Details

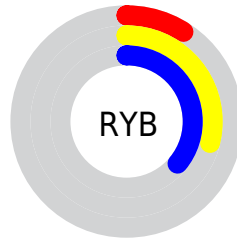
The Hex color **175C31** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5C1742**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4D8F60**, and **002D03** is the 20% darker color. If you saturate the color by 10%, you get **0E5C2B**, and if you desaturate by 10%, it is **205C37**.

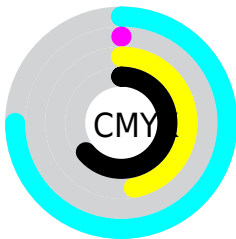
Distribution



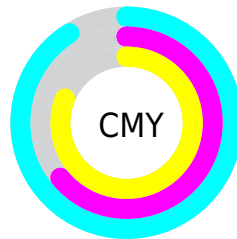
- Red (9%)
- Green (36%)
- Blue (19%)



- Red (9%)
- Yellow (29%)
- Blue (36%)



- Cyan (75%)
- Magenta (0%)
- Yellow (47%)
- Black (64%)



- Cyan (91%)
- Magenta (64%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 175C31 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 175C31 by changing the saturation by 10% instead.

 175C31

 175C31

FFFFFF

 00441B

 4D8F60

 002D03

 67AA79

 001700

 82C593

 000000


 9DE1AD

 B8FEC9

 D5FFE5

 F2FFFF

 175C31

 175C31

■ 0E5C2B

■ 205C37

■ 055C26

■ 295C3C

■ 005C23

■ 335C42

■ 3C5C48

■ 455C4E

■ 4E5C53

■ 575C59

■ 615C5F

■ 6A5C65

Harmonies

Analogous

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



435719



175C31



005E4F

Triad

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



175C31



00548B



843935

Complementary

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



175C31



5C1742

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.



843552



175C31



504984

Square

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



175C31



005B83



733C6E



77431D

Rectangle

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



175C31



005E63



733C6E



86363E

Sweetspot

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



175C31



5C7867



435C17



2C3D33



BDBDBD



3D3D3D

Same Dimension

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



175C31



0C7835



175C53



292E2B



006E29



00ED59

Inverse Universe

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



5C1742



780C4F



5C1720



2E292C



6E0044



ED0094

Previews

White Background



This preview shows how the Hex color 175C31 looks on a white background.

Color Contrast Check

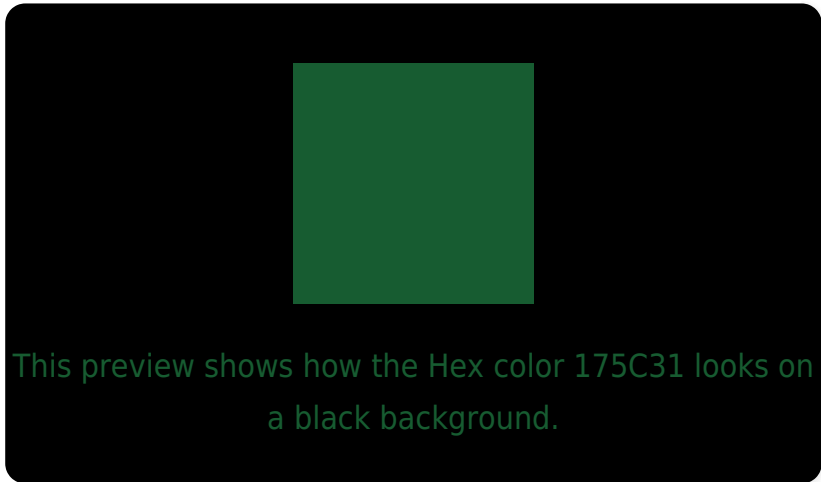
Large Text (above 18pt) WCAG AA ✓ Pass

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

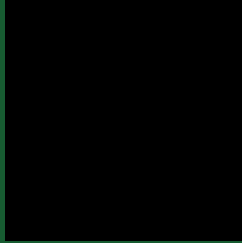
Any Text WCAG AA × Fail

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 175C31 Background



This preview shows how black text looks on a background with the Hex color 175C31.



This preview shows how white text looks on a background with the Hex color 175C31.

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
175C31

Protanopia
58502D

Deuteranopia
604C35

Trichromacy



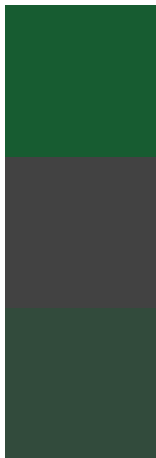
Original Color
175C31

Protanomaly
40542E

Deuteranomaly
455234

Tritanomaly
22594E

Monochromacy



Original Color
175C31

Achromatopsia
424242

Achromatomaly
324B3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 175C31 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 #175C31 looks like.

```
.text, #text, p{  
    color:#175C31  
}
```

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 #175C31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #175C31
}
```

Border

The CSS property to change the border of an element to Hex 175C31 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
#175C31 }
```

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

```
.border{ border-color:#175C31 }
```

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

Here you see how a box with a 4 pixel #175C31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #175C31; -webkit-box-shadow:4px 4px  
4px 4px #175C31; box-shadow:4px 4px 4px  
4px #175C31 }
```

Background

The CSS property to change the background color of an element to Hex 175C31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#175C31 }
```

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

```
.background{ background-color:#175C31 }
```

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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