

Converting Colors

Hex(175C55)

Have a look what the booklet for
Hex(175C55) contains.

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Color

Hex(175C55)

Conversions

Conversions Part 1

Format	Color
Hex	175C55
RGB	23, 92, 85
RGB Percent	9%, 36%, 33%
CMY	0.9098, 0.6392, 0.6667
CMYK	0.75, 0.00, 0.08, 0.64
HSL	174°, 60%, 23%
HSV	174°, 75%, 36%
XYZ	5.8202, 8.4923, 9.9268
YIQ	70.5710, -38.8770, -16.8050

Conversions

Conversions Part 2

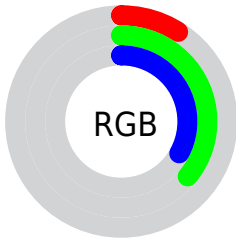
Format	Color
R_{YB}	23, 59, 92
Decimal	1530965
CIE _{Lab}	34.99, -22.70, -2.10
CIE _{LCh}	35, 22.796, 185.297
Yxy	8.4923, 0.2401, 0.3504
Android (android.graphics.Color)	4279721045 (0xFF175C55)
YUV	70.5710, 7.1135, -41.7198
Hunter-Lab	29.1416, -15.3476, 0.2027

Details

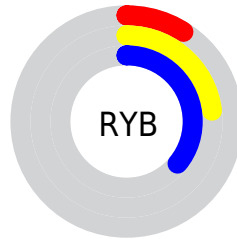
The Hex color **175C55** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5C171E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4E8F87**, and **002D28** is the 20% darker color. If you saturate the color by 10%, you get **0E5C54**, and if you desaturate by 10%, it is **205C56**.

Distribution



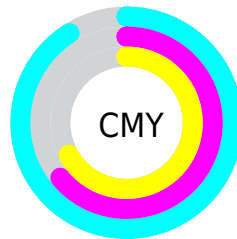
- Red (9%)
- Green (36%)
- Blue (33%)



- Red (9%)
- Yellow (23%)
- Blue (36%)



- Cyan (75%)
- Magenta (0%)
- Yellow (8%)
- Black (64%)




- Cyan (91%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 175C55 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 175C55 by changing the saturation by 10% instead.

 175C55

 175C55

FFFFFF

 00443E

 4E8F87

 002D28

 69A9A1

 001B14

 83C5BC

 000000


 9FE1D7

 BAFEF4

 D7FFFF

 F4FFFF

 175C55

 175C55

■ 0E5C54

■ 205C56

■ 055C53

■ 295C57

■ 005C53

■ 335C58

■ 3C5C59

■ 455C5A

■ 4E5C5B

■ 575C5C

■ 615C5C

■ 6A5C5D

Harmonies

Analogous

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



315B42



175C55



005B67

Triad

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



175C55



594C70



6B4C32

Complementary

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



175C55



5C171E

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.



74463E



175C55



6C4662

Square

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



175C55



3D5376



754450



5B522E

Rectangle

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



175C55



105970



754450



6F4A35

Sweetspot

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



175C55



5C7875



1F5C17



2C3D3B



BDBDBD



3D3D3D

Same Dimension

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



175C55



0C786D



17425C



292E2D



006E63



00EDD5

Inverse Universe

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



5C171E



780C17



5C3117



2E292A



6E000B



ED0018

Previews

White Background



This preview shows how the Hex color 175C55 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

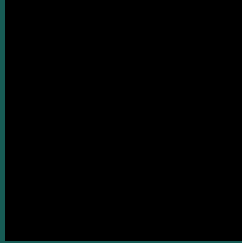
Any Text WCAG AA × Fail

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 175C55 Background



This preview shows how black text looks on a background with the Hex color 175C55.

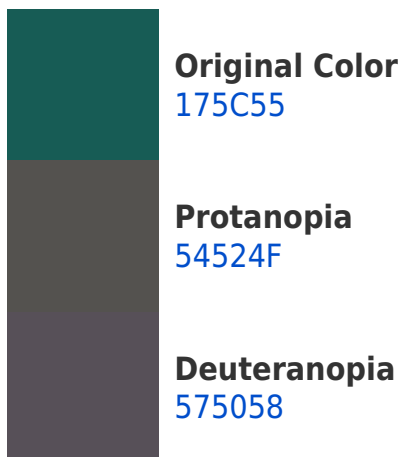



This preview shows how white text looks on a background with the Hex color 175C55.

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](#).

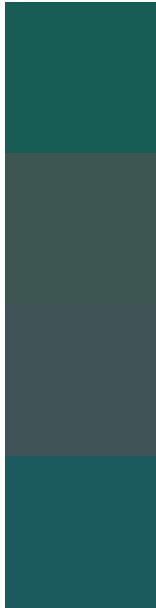
Dichromacy





Tritanopia
1F5A61

Trichromacy



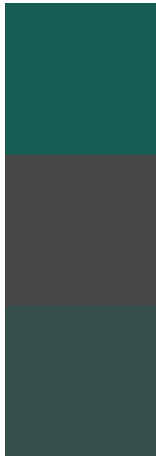
Original Color
175C55

Protanomaly
3E5651

Deuteranomaly
405457

Tritanomaly
1C5B5D

Monochromacy



Original Color
175C55

Achromatopsia
474747

Achromatomaly
364F4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 175C55 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 #175C55 looks like.

```
.text, #text, p{  
    color:#175C55  
}
```

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 #175C55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #175C55
}
```

Border

The CSS property to change the border of an element to Hex 175C55 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
#175C55 }
```

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

```
.border{ border-color:#175C55 }
```

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

Here you see how a box with a 4 pixel #175C55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #175C55; -webkit-box-shadow:4px 4px  
4px 4px #175C55; box-shadow:4px 4px 4px  
4px #175C55 }
```

Background

The CSS property to change the background color of an element to Hex 175C55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#175C55 }
```

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

```
.background{ background-color:#175C55 }
```

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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