

# Converting Colors

Hex(175E48)

Have a look what the booklet for  
Hex(175E48) contains.

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# Color

Hex(175E48)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	175E48
RGB	23, 94, 72
RGB Percent	9%, 37%, 28%
CMY	0.9098, 0.6314, 0.7176
CMYK	0.76, 0.00, 0.23, 0.63
HSL	161°, 61%, 23%
HSV	161°, 76%, 37%
XYZ	5.5258, 8.6554, 7.5103
YIQ	70.2630, -35.2540, -21.8940

# Conversions

## Conversions Part 2

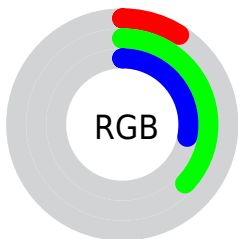
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 65, 94
Decimal	1531464
CIE Lab	35.31, -27.48, 6.45
CIE LCh	35, 28.224, 166.794
Yxy	8.6554, 0.2547, 0.3990
Android (android.graphics.Color)	4279721544 (0xFF175E48)
YUV	70.2630, 0.8563, -41.4497
Hunter-Lab	29.4201, -17.9590, 5.4586

# Details

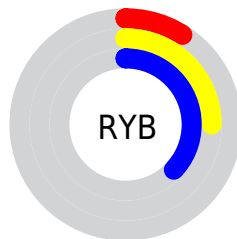
The Hex color **175E48** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5E172D**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4E9178**, and **002F1D** is the 20% darker color. If you saturate the color by 10%, you get **0E5E45**, and if you desaturate by 10%, it is **205E4B**.

# Distribution



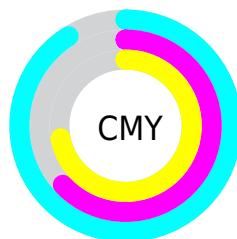
- Red (9%)
- Green (37%)
- Blue (28%)



- Red (9%)
- Yellow (25%)
- Blue (37%)



- Cyan (76%)
- Magenta (0%)
- Yellow (23%)
- Black (63%)



- Cyan (91%)
- Magenta (63%)
- Yellow (72%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 175E48 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 175E48 by changing the saturation by 10% instead.



 175E48

 175E48

FFFFFF

 004632

 4E9178

 002F1D

 68AC92

 001B03

 83C7AD

 000000


 9EE3C8

 BAFFE4

 D6FFFF

 F3FFFF

 175E48

 175E48

■ 0E5E45

■ 205E4B

■ 045E42

■ 2A5E4E

■ 005E41

■ 335E51

■ 3D5E54

■ 465E57

■ 4F5E59

■ 595E5C

■ 625E5F

■ 6C5E62

# Harmonies

## Analogous

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



3B5B33



175E48



005F5F

# Triad

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



175E48



45517E



784633

# Complementary

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



175E48



5E172D

# 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.



7E4147



175E48



654872

# Square

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



175E48



10587F



78425E



694E27

# Rectangle

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



175E48



005E6D



78425E



7B4439



# Sweetspot

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



175E48



5E7A72



2D5E17



2C3D38



BDBDBD



3D3D3D



# Same Dimension

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



175E48



0B7A58



17515E



292E2C



006E4C



00EDA4



# Inverse Universe

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



5E172D



7A0B2E



5E2417



2E292B



6E0022

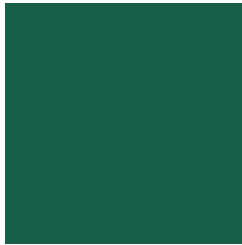


ED0049



# Previews

## White Background



This preview shows how the Hex color 175E48 looks on a white background.

## Color Contrast Check

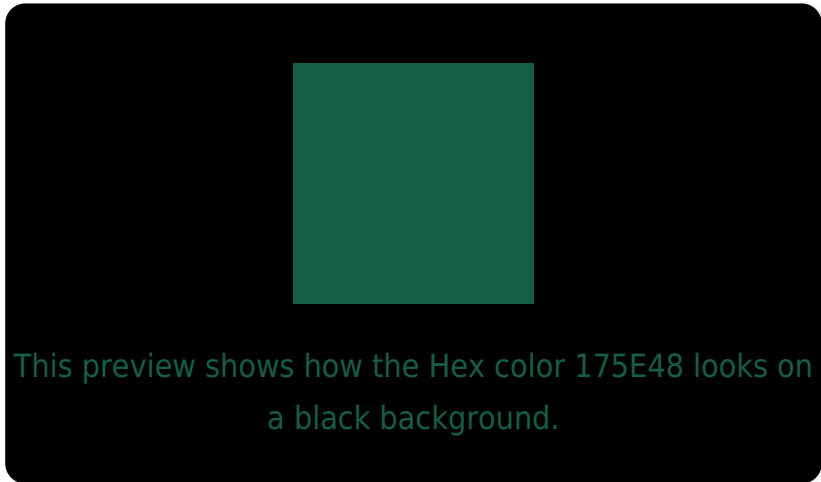
Large Text (above 18pt) WCAG AA ✓ Pass

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

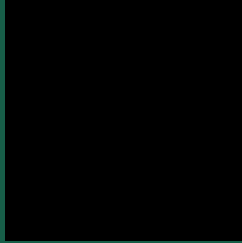
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 175E48 Background



This preview shows how black text looks on a background with the Hex color 175E48.



This preview shows how white text looks on a background with the Hex color 175E48.

# 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**  
175E48

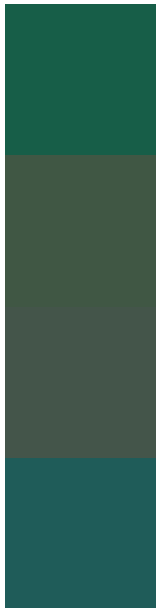
**Protanopia**  
585342

**Deuteranopia**  
5E504B



**Tritanopia**  
245B62

# Trichromacy



**Original Color**  
175E48

**Protanomaly**  
405744

**Deuteranomaly**  
44554A

**Tritanomaly**  
1F5C59

# Monochromacy



**Original Color**  
175E48

**Achromatopsia**  
464646

**Achromatomaly**  
354F47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 175E48 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 #175E48 looks like.

```
.text, #text, p{  
    color:#175E48  
}
```

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 #175E48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #175E48
}
```

## Border

The CSS property to change the border of an element to Hex 175E48 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
#175E48 }
```

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

```
.border{ border-color:#175E48 }
```

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

Here you see how a box with a 4 pixel #175E48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #175E48; -webkit-box-shadow:4px 4px  
4px 4px #175E48; box-shadow:4px 4px 4px  
4px #175E48 }
```

# Background

The CSS property to change the background color of an element to Hex 175E48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#175E48 }
```

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

```
.background{ background-color:#175E48 }
```

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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