

# Converting Colors

Hex(175549)

Have a look what the booklet for  
Hex(175549) contains.

<b>Hex(175549)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(175549)**

# Conversions

## Conversions Part 1

Format	Color
Hex	175549
RGB	23, 85, 73
RGB Percent	9%, 33%, 29%
CMY	0.9098, 0.6667, 0.7137
CMYK	0.73, 0.00, 0.14, 0.67
HSL	168°, 57%, 21%
HSV	168°, 73%, 33%
XYZ	4.8044, 7.1602, 7.4322
YIQ	65.0940, -33.1000, -16.8760

# Conversions

## Conversions Part 2

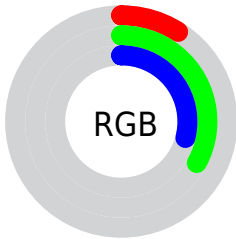
<b>Format</b>	<b>Color</b>
<b>RYB</b>	23, 57, 85
Decimal	1529161
CIELab	32.17, -22.75, 1.31
CIELCh	32, 22.790, 176.696
Yxy	7.1602, 0.2477, 0.3691
Android (android.graphics.Color)	4279719241 (0xFF175549)
YUV	65.0940, 3.8977, -36.9164
Hunter-Lab	26.7585, -14.7781, 2.2632

# Details

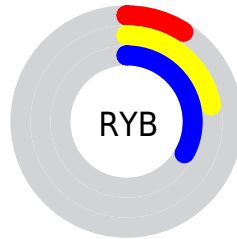
The Hex color **175549** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **551723**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **4C8779**, and **00271E** is the 20% darker color. If you saturate the color by 10%, you get **0F5547**, and if you desaturate by 10%, it is **1F554B**.

# Distribution



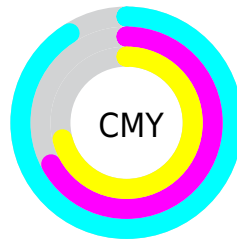
- Red (9%)
- Green (33%)
- Blue (29%)



- Red (9%)
- Yellow (22%)
- Blue (33%)



- Cyan (73%)
- Magenta (0%)
- Yellow (14%)
- Black (67%)



- Cyan (91%)
- Magenta (67%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 175549 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 175549 by changing the saturation by 10% instead.



 175549

 175549

FFFFFF

 003D33

 4C8779

 00271E

 66A293

 000E04

 80BDAE


 000000


 9BD9C9

 B7F5E5

 D3FFFF

 F0FFFF

 175549

 175549

■ 0F5547

■ 1F554B

■ 065546

■ 28554C

■ 005545

■ 30554E

■ 395550

■ 425551

■ 4A5553

■ 525555

■ 5B5556

■ 635558

# Harmonies

## Analogous

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



325337



175549



00555B

# Triad

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



175549



4B486C



67442E

# Complementary

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



175549



551723

# 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.



6E3F3D



175549



604160

# Square

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



175549



2D4E6F



6C3E4E



594A28

# Rectangle

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



175549



005465



6C3E4E



6A4232



# Sweetspot

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



175549



566E69



235517



2A3835



B8B8B8



383838



# Same Dimension

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



175549



0D6E5B



174255



272B2B



006B56



00EBBD



# Inverse Universe

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



551723



6E0D20



552A17



2B2728



6B0015

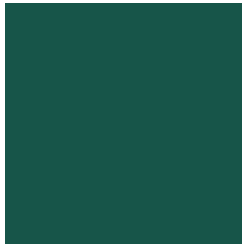


EB002D



# Previews

## White Background



This preview shows how the Hex color 175549 looks on a white background.

## Color Contrast Check

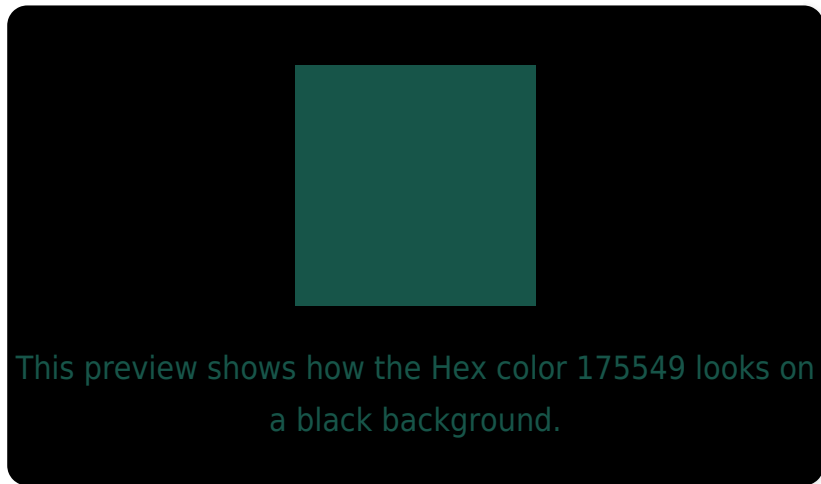
Large Text (above 18pt) WCAG AA ✓ Pass

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

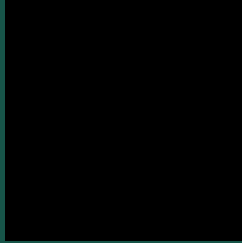
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 175549 Background



This preview shows how black text looks on a background with the Hex color 175549.



This preview shows how white text looks on a background with the Hex color 175549.

# 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



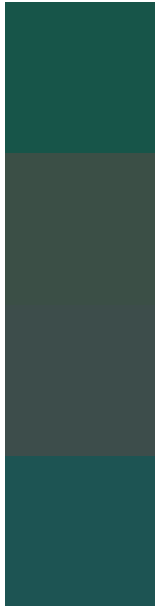
**Original Color**  
175549

**Protanopia**  
4F4B44

**Deuteranopia**  
53494C



# Trichromacy



**Original Color**  
175549

**Protanomaly**  
3B4F46

**Deuteranomaly**  
3D4D4B

**Tritanomaly**  
1D5453

# Monochromacy



**Original Color**  
175549

**Achromatopsia**  
414141

**Achromatomaly**  
324844

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 175549 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 #175549 looks like.

```
.text, #text, p{  
    color:#175549  
}
```

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 #175549 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #175549
}
```

## Border

The CSS property to change the border of an element to Hex 175549 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
#175549 }
```

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

```
.border{ border-color:#175549 }
```

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

Here you see how a box with a 4 pixel #175549 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #175549; -webkit-box-shadow:4px 4px  
4px 4px #175549; box-shadow:4px 4px 4px  
4px #175549 }
```

# Background

The CSS property to change the background color of an element to Hex 175549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#175549 }
```

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

```
.background{ background-color:#175549 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor