

# Converting Colors

Hex(174C35)

Have a look what the booklet for  
Hex(174C35) contains.

<b>Hex(174C35)</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(174C35)

# Conversions

## Conversions Part 1

Format	Color
Hex	174C35
RGB	23, 76, 53
RGB Percent	9%, 30%, 21%
CMY	0.9098, 0.7020, 0.7922
CMYK	0.70, 0.00, 0.30, 0.70
HSL	154°, 54%, 19%
HSV	154°, 70%, 30%
XYZ	3.5804, 5.6081, 4.2619
YIQ	57.5310, -24.2050, -18.3890

# Conversions

## Conversions Part 2

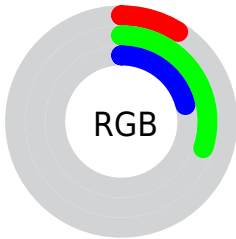
Format	Color
<a href="#">RYB</a>	<a href="#">23, 57, 76</a>
Decimal	<a href="#">1526837</a>
CIELab	<a href="#">28.40, -23.77, 8.65</a>
CIELCh	<a href="#">28, 25.299, 160.012</a>
Yxy	<a href="#">5.6081, 0.2662, 0.4169</a>
Android (android.graphics.Color)	<a href="#">4279716917</a> (0xFF174C35)
YUV	<a href="#">57.5310, -2.2338, -30.2837</a>
Hunter-Lab	<a href="#">23.6814, -14.4550, 5.9066</a>

# Details

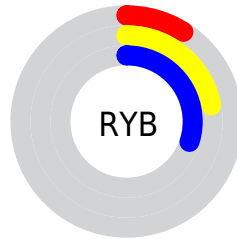
The Hex color **174C35** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4C172E**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **497D64**, and **002009** is the 20% darker color. If you saturate the color by 10%, you get **0F4C32**, and if you desaturate by 10%, it is **1F4C38**.

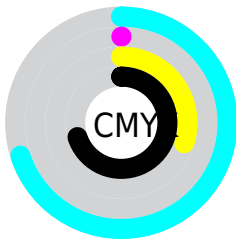
# Distribution



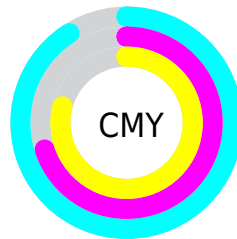
- Red (9%)
- Green (30%)
- Blue (21%)



- Red (9%)
- Yellow (22%)
- Blue (30%)



- Cyan (70%)
- Magenta (0%)
- Yellow (30%)
- Black (70%)



- Cyan (91%)
- Magenta (70%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 174C35 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 174C35 by changing the saturation by 10% instead.



 174C35

 174C35

FFFFFF

 003520

 497D64

 002009

 62987D

 000000

 7CB296

 97CEB1

 B2EACD

 CEFFE9

 EBFFFF

 174C35

 174C35

0F4C32

1F4C38

084C2E

264C3C

004C2B

2E4C3F

354C42

3D4C45

454C49

4C4C4C

544C4F

5B4C53

# Harmonies

## Analogous

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



334924



174C35



004D49

# Triad

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



174C35



2E4369



65362B

# Complementary

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



174C35



4C172E

# 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.



68333D



174C35



4D3B61

# Square

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



174C35



004967



603551



593D1E

# Rectangle

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



174C35



004D56



603551



673531



# Sweetspot

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



174C35



4F635A



2F4C17



26332D



B3B3B3



333333



# Same Dimension

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



174C35



10633F



17494C



222625



00663A



00E682



# Inverse Universe

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



4C172E



631034



4C1A17



262224



66002C

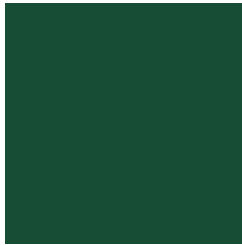


E60064



# Previews

## White Background



This preview shows how the Hex color 174C35 looks on a white background.

## Color Contrast Check

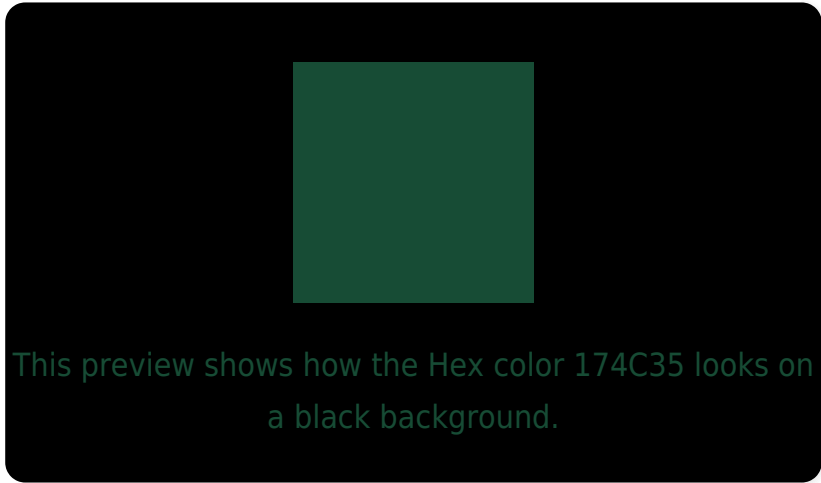
Large Text (above 18pt) WCAG AA ✓ Pass

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

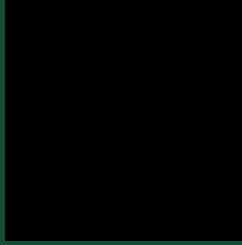
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 174C35 Background



This preview shows how black text looks on a background with the Hex color 174C35.



This preview shows how white text looks on a background with the Hex color 174C35.

# 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](#).

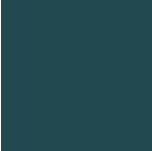
## Dichromacy



**Original Color**  
174C35

**Protanopia**  
484331

**Deuteranopia**  
4D4038



**Tritanopia**  
21494F

# Trichromacy



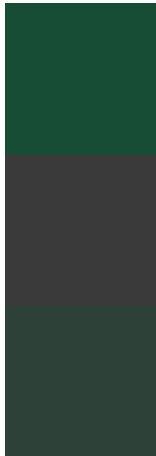
**Original Color**  
174C35

**Protanomaly**  
364632

**Deuteranomaly**  
394437

**Tritanomaly**  
1D4A46

# Monochromacy



**Original Color**  
174C35

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
2D4138

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 174C35 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 #174C35 looks like.

```
.text, #text, p{  
    color:#174C35  
}
```

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 #174C35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #174C35
}
```

## Border

The CSS property to change the border of an element to Hex 174C35 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
#174C35 }
```

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

```
.border{ border-color:#174C35 }
```

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

Here you see how a box with a 4 pixel #174C35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #174C35; -webkit-box-shadow:4px 4px  
4px 4px #174C35; box-shadow:4px 4px 4px  
4px #174C35 }
```

# Background

The CSS property to change the background color of an element to Hex 174C35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#174C35 }
```

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

```
.background{ background-color:#174C35 }
```

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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