

Converting Colors

Hex(174B51)

Have a look what the booklet for
Hex(174B51) contains.

Hex(174B51)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(174B51)

Conversions

Conversions Part 1

Format	Color
Hex	174B51
RGB	23, 75, 81
RGB Percent	9%, 29%, 32%
CMY	0.9098, 0.7059, 0.6824
CMYK	0.72, 0.07, 0.00, 0.68
HSL	186°, 56%, 20%
HSV	186°, 72%, 32%
XYZ	4.3546, 5.8084, 8.6762
YIQ	60.1360, -32.9180, -9.1580

Conversions

Conversions Part 2

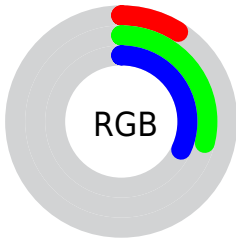
Format	Color
R_{YB}	23, 50, 81
Decimal	1526609
CIE _{Lab}	28.92, -14.72, -8.61
CIE _{LCh}	29, 17.056, 210.313
Yxy	5.8084, 0.2311, 0.3083
Android (android.graphics.Color)	4279716689 (0xFF174B51)
YUV	60.1360, 10.2860, -32.5683
Hunter-Lab	24.1006, -9.9237, -4.4739

Details

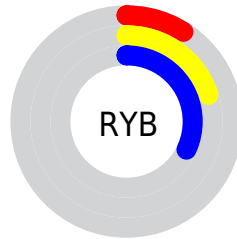
The Hex color **174B51** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **511D17**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4B7C82**, and **001F24** is the 20% darker color. If you saturate the color by 10%, you get **0F4A51**, and if you desaturate by 10%, it is **1F4C51**.

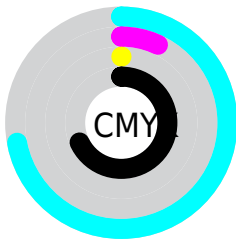
Distribution



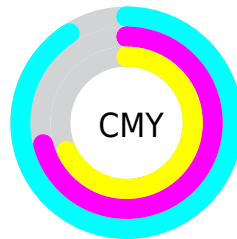
- Red (9%)
- Green (29%)
- Blue (32%)



- Red (9%)
- Yellow (20%)
- Blue (32%)



- Cyan (72%)
- Magenta (7%)
- Yellow (0%)
- Black (68%)



- Cyan (91%)
- Magenta (71%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 174B51 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 174B51 by changing the saturation by 10% instead.

■ 174B51

■ 174B51

FFFFFF

■ 00343A

■ 4B7C82

■ 001F24

■ 65969C

■ 000110

■ 7FB1B7

■ 000000

■ 9ACCD3

■ B5E8EF

■ D2FFFF

■ EEEFFF

■ 174B51

■ 174B51

■ 0F4A51

■ 1F4C51

■ 074951

■ 274D51

■ 004951

■ 2F4E51

■ 374E51

■ 404F51

■ 485051

■ 505151

■ 585251

■ 605351

Harmonies

Analogous

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



204B44



174B51



1F495B

Triad

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



174B51



553C51



4D432A

Complementary

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



174B51



511D17

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.



583F2E



174B51



5D3A45

Square

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



174B51



46415B



5E3B38



3F472D

Rectangle

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



174B51



2C475E



5E3B38



51422A

Sweetspot

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



174B51



536669



17511D



283436



B5B5B5



363636

Same Dimension

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



174B51



0F5F69



172E51



252829



005E69



00D0E8

Inverse Universe

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



51174B



690F5F



513A17



292528



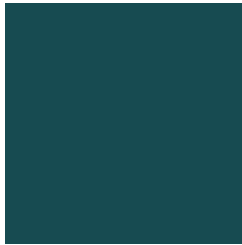
69005E



E800D0

Previews

White Background



This preview shows how the Hex color 174B51 looks on a white background.

Color Contrast Check

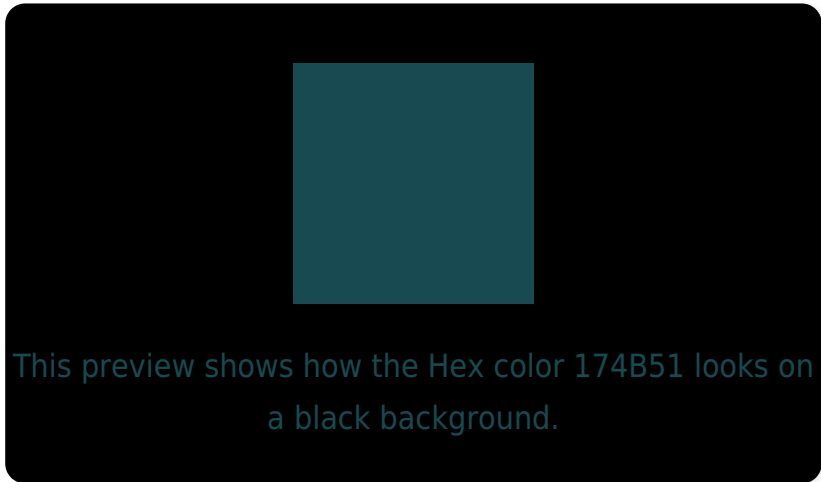
Large Text (above 18pt) WCAG AA ✓ Pass

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

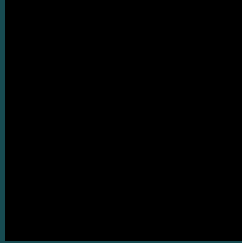
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

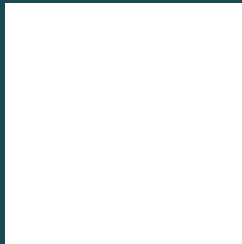
Any Text WCAG AAA × Fail

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

Hex 174B51 Background



This preview shows how black text looks on a background with the Hex color 174B51.

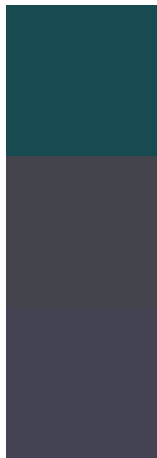


This preview shows how white text looks on a background with the Hex color 174B51.

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
174B51

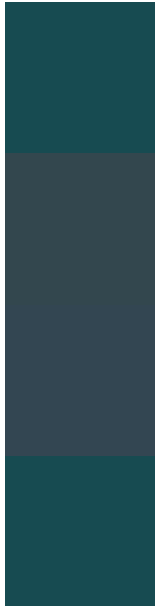
Protanopia
43444C

Deuteranopia
434353



Tritanopia
174B51

Trichromacy



Original Color
174B51

Protanomaly
33474E

Deuteranomaly
334652

Tritanomaly
174B51

Monochromacy



Original Color
174B51

Achromatopsia
3C3C3C

Achromatomaly
2F4144

CSS Examples

Text

The CSS property to change the color of the text to Hex 174B51 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 #174B51 looks like.

```
.text, #text, p{  
    color:#174B51  
}
```

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 #174B51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #174B51
}
```

Border

The CSS property to change the border of an element to Hex 174B51 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
#174B51 }
```

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

```
.border{ border-color:#174B51 }
```

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

Here you see how a box with a 4 pixel #174B51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #174B51; -webkit-box-shadow:4px 4px  
4px 4px #174B51; box-shadow:4px 4px 4px  
4px #174B51 }
```

Background

The CSS property to change the background color of an element to Hex 174B51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#174B51 }
```

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

```
.background{ background-color:#174B51 }
```

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