

Converting Colors

Hex(174035)

Have a look what the booklet for
Hex(174035) contains.

Hex(174035)	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(174035)

Conversions

Conversions Part 1

Format	Color
Hex	174035
RGB	23, 64, 53
RGB Percent	9%, 25%, 21%
CMY	0.9098, 0.7490, 0.7922
CMYK	0.64, 0.00, 0.17, 0.75
HSL	164°, 47%, 17%
HSV	164°, 64%, 25%
XYZ	2.8293, 4.1060, 4.0116
YIQ	50.4870, -20.9050, -12.1130

Conversions

Conversions Part 2

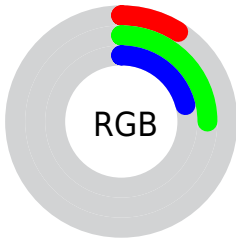
Format	Color
R_{YB}	23, 47, 64
Decimal	1523765
CIE Lab	24.02, -17.53, 2.45
CIE LCh	24, 17.705, 172.053
Yxy	4.1060, 0.2585, 0.3751
Android (android.graphics.Color)	4279713845 (0xFF174035)
YUV	50.4870, 1.2389, -24.1061
Hunter-Lab	20.2632, -10.5368, 2.4465

Details

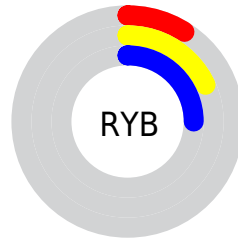
The Hex color **174035** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **401722**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **477063**, and **001708** is the 20% darker color. If you saturate the color by 10%, you get **114033**, and if you desaturate by 10%, it is **1D4037**.

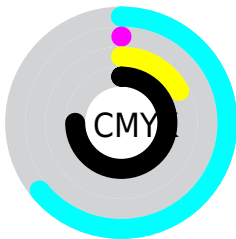
Distribution



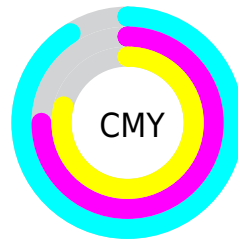
- Red (9%)
- Green (25%)
- Blue (21%)



- Red (9%)
- Yellow (18%)
- Blue (25%)



- Cyan (64%)
- Magenta (0%)
- Yellow (17%)
- Black (75%)



- Cyan (91%)
- Magenta (75%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 174035 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 174035 by changing the saturation by 10% instead.

■ 174035

■ 174035

FFFFFF

■ 002A20

■ 477063

■ 001708

■ 5F8A7C

■ 000000

■ 79A496

■ 93BFB1

■ AEDBCC

■ CAF8E8

■ E6FFFF

■ 174035

■ 174035

■ 114033

■ 1D4037

■ 0A4032

■ 244038

■ 044030

■ 2A403A

■ 00402F

■ 31403C

■ 37403E

■ 3D403F

■ 444041

■ 4A4043

■ 514044

Harmonies

Analogous

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



293E28



174035



044043

Triad

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



174035



363752



4F3325

Complementary

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



174035



401722

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.



532F30



174035



46324A

Square

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



174035



203B53



502F3D



45371F

Rectangle

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



174035



023F4A



502F3D



513128

Sweetspot

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



174035



445450



234017



212B29



ABABAB



2B2B2B

Same Dimension

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



174035



135443



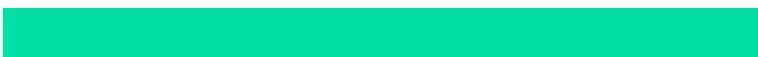
173740



1E2120



006147



00E0A4

Inverse Universe

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



401722



541325



402017



211E1F



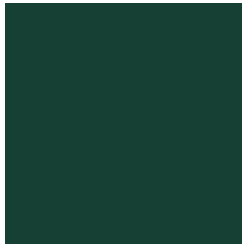
61001A



E0003C

Previews

White Background



This preview shows how the Hex color 174035 looks on a white background.

Color Contrast Check

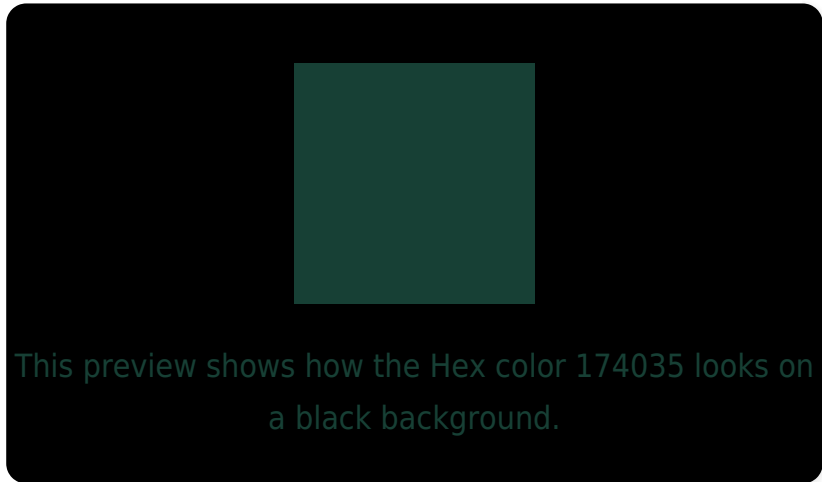
Large Text (above 18pt) WCAG AA ✓ Pass

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

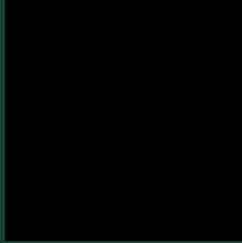
Any Text WCAG AA × Fail

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 174035 Background



This preview shows how black text looks on a background with the Hex color 174035.



This preview shows how white text looks on a background with the Hex color 174035.

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](#).

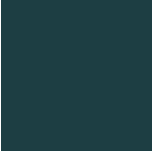
Dichromacy



Original Color
174035

Protanopia
3C3931

Deuteranopia
3F3737



Tritanopia
1D3E43

Trichromacy



Original Color
174035

Protanomaly
2F3C32

Deuteranomaly
303A36

Tritanomaly
1B3F3E

Monochromacy



Original Color
174035

Achromatopsia
323232

Achromatomaly
283733

CSS Examples

Text

The CSS property to change the color of the text to Hex 174035 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 #174035 looks like.

```
.text, #text, p{  
  color:#174035  
}
```

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 #174035 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #174035
}
```

Border

The CSS property to change the border of an element to Hex 174035 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
#174035 }
```

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

```
.border{ border-color:#174035 }
```

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

Here you see how a box with a 4 pixel #174035 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #174035; -webkit-box-shadow:4px 4px  
4px 4px #174035; box-shadow:4px 4px 4px  
4px #174035 }
```

Background

The CSS property to change the background color of an element to Hex 174035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#174035 }
```

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

```
.background{ background-color:#174035 }
```

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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