

Converting Colors

Hex(174036)

Have a look what the booklet for
Hex(174036) contains.

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Color

Hex(174036)

Conversions

Conversions Part 1

Format	Color
Hex	174036
RGB	23, 64, 54
RGB Percent	9%, 25%, 21%
CMY	0.9098, 0.7490, 0.7882
CMYK	0.64, 0.00, 0.16, 0.75
HSL	165°, 47%, 17%
HSV	165°, 64%, 25%
XYZ	2.8526, 4.1153, 4.1340
YIQ	50.6010, -21.2260, -11.8020

Conversions

Conversions Part 2

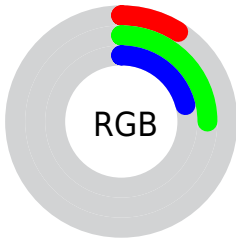
Format	Color
R_{YB}	23, 46, 64
Decimal	1523766
CIE _{Lab}	24.05, -17.24, 1.83
CIE _{LCh}	24, 17.339, 173.943
Y _{xy}	4.1153, 0.2569, 0.3707
Android (android.graphics.Color)	4279713846 (0xFF174036)
YUV	50.6010, 1.6757, -24.2061
Hunter-Lab	20.2862, -10.4005, 2.1179

Details

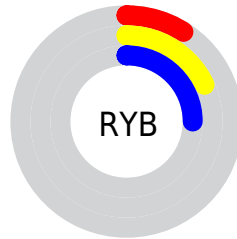
The Hex color **174036** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **401721**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **477065**, and **00170A** is the 20% darker color. If you saturate the color by 10%, you get **114034**, and if you desaturate by 10%, it is **1D4038**.

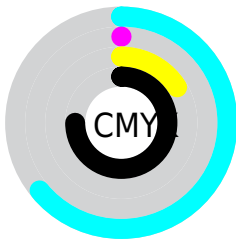
Distribution



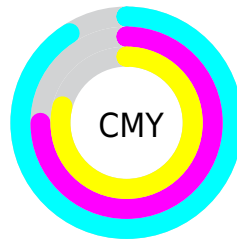
- Red (9%)
- Green (25%)
- Blue (21%)



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



- Cyan (64%)
- Magenta (0%)
- Yellow (16%)
- Black (75%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 174036 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 174036 by changing the saturation by 10% instead.

■ 174036

■ 174036

FFFFFF

■ 002A21

■ 477065

■ 00170A

■ 608A7E

■ 000000

■ 79A497

■ 93BFB2

■ AEDBCE

■ CAF8EA

■ E6FFFF

■ 174036

■ 174036

■ 114034

■ 1D4038

■ 0A4033

■ 244039

■ 044031

■ 2A403B

■ 004030

■ 31403C

■ 37403E

■ 3D403F

■ 444041

■ 4A4042

■ 514044

Harmonies

Analogous

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



283F29



174036



064043

Triad

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



174036



373751



4E3325

Complementary

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



174036



401721

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.



53302F



174036



473249

Square

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



174036



223B53



502F3C



44371F

Rectangle

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



174036



063F4B



502F3C



503228

Sweetspot

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



174036



445450



214017



212B29



ABABAB



2B2B2B

Same Dimension

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



174036



135444



173640



1E2120



006149



00E0AA

Inverse Universe

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



401721



541323



402117



211E1F



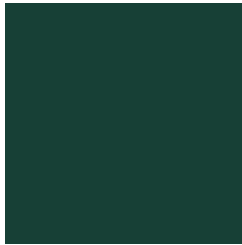
610018



E00037

Previews

White Background



This preview shows how the Hex color 174036 looks on a white background.

Color Contrast Check

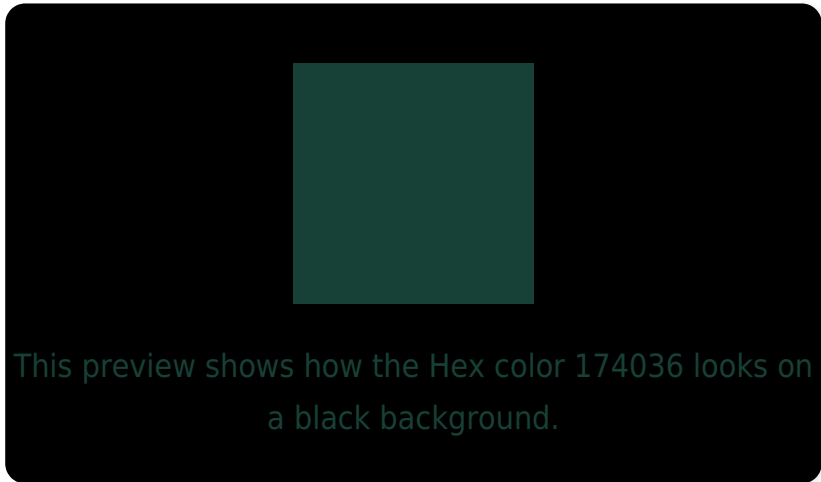
Large Text (above 18pt) WCAG AA ✓ Pass

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

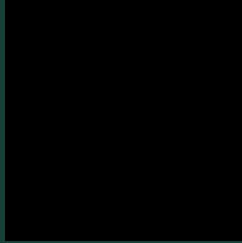
Any Text WCAG AA × Fail

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 174036 Background



This preview shows how black text looks on a background with the Hex color 174036.



This preview shows how white text looks on a background with the Hex color 174036.

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
174036

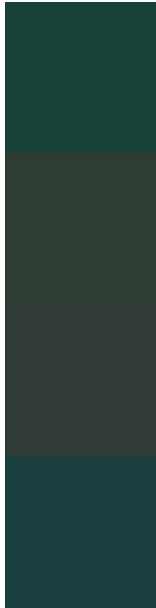
Protanopia
3C3932

Deuteranopia
3F3738



Tritanopia
1C3E43

Trichromacy



Original Color
174036

Protanomaly
2F3C33

Deuteranomaly
303A37

Tritanomaly
1A3F3E

Monochromacy



Original Color
174036

Achromatopsia
333333

Achromatomaly
293834

CSS Examples

Text

The CSS property to change the color of the text to Hex 174036 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 #174036 looks like.

```
.text, #text, p{  
    color:#174036  
}
```

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 #174036 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #174036
}
```

Border

The CSS property to change the border of an element to Hex 174036 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
#174036 }
```

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

```
.border{ border-color:#174036 }
```

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

Here you see how a box with a 4 pixel #174036 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #174036; -webkit-box-shadow:4px 4px  
4px 4px #174036; box-shadow:4px 4px 4px  
4px #174036 }
```

Background

The CSS property to change the background color of an element to Hex 174036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#174036 }
```

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

```
.background{ background-color:#174036 }
```

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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