

Converting Colors

Hex(175136)

Have a look what the booklet for
Hex(175136) contains.

Hex(175136)	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(175136)

Conversions

Conversions Part 1

Format	Color
Hex	175136
RGB	23, 81, 54
RGB Percent	9%, 32%, 21%
CMY	0.9098, 0.6824, 0.7882
CMYK	0.72, 0.00, 0.33, 0.68
HSL	152°, 56%, 20%
HSV	152°, 72%, 32%
XYZ	3.9616, 6.3334, 4.5037
YIQ	60.5800, -25.9010, -20.6930

Conversions

Conversions Part 2

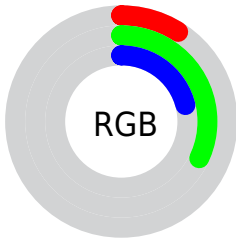
Format	Color
RYB	23, 61, 81
Decimal	1528118
CIELab	30.24, -25.94, 10.55
CIELCh	30, 28.008, 157.863
Yxy	6.3334, 0.2677, 0.4280
Android (android.graphics.Color)	4279718198 (0xFF175136)
YUV	60.5800, -3.2439, -32.9577
Hunter-Lab	25.1662, -15.9415, 7.0059

Details

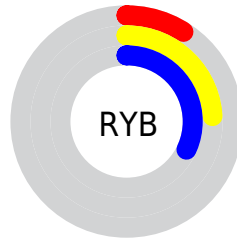
The Hex color **175136** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **511732**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **4A8365**, and **00240A** is the 20% darker color. If you saturate the color by 10%, you get **0F5132**, and if you desaturate by 10%, it is **1F513A**.

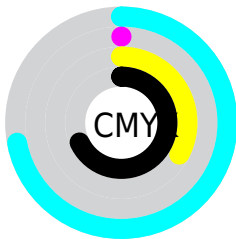
Distribution



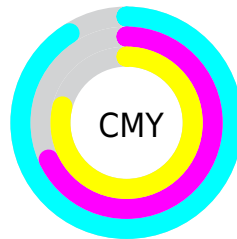
- Red (9%)
- Green (32%)
- Blue (21%)



- Red (9%)
- Yellow (24%)
- Blue (32%)



- Cyan (72%)
- Magenta (0%)
- Yellow (33%)
- Black (68%)



- Cyan (91%)
- Magenta (68%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 175136 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 175136 by changing the saturation by 10% instead.

 175136

 175136

FFFFFF

 003A21

 4A8365

 00240A

 649D7E

 000200

 7EB898

 000000


 99D4B3

 B4F1CE

 D0FFEA

 EDFFFF

 175136

 175136

■ 0F5132

■ 1F513A

■ 07512E

■ 27513E

■ 00512B

■ 2F5141

■ 375145

■ 405149

■ 48514D

■ 505150

■ 585154

■ 605158

Harmonies

Analogous

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



374E23



175136



00524C

Triad

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



175136



2C4872



6D382E

Complementary

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



175136



511732

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.



703542



175136



503F6A

Square

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



175136



004E6F



673758



61401F

Rectangle

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



175136



00525B



673758



6F3734

Sweetspot

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



175136



53695E



325117



28362F



B5B5B5



363636

Same Dimension

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



175136



0F693F



174F51



252927



006938



00E87C

Inverse Universe

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



511732



690F38



511917



292527



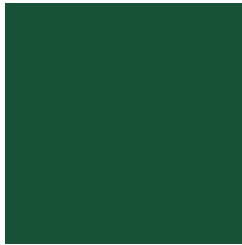
690031



E8006C

Previews

White Background



This preview shows how the Hex color 175136 looks on a white background.

Color Contrast Check

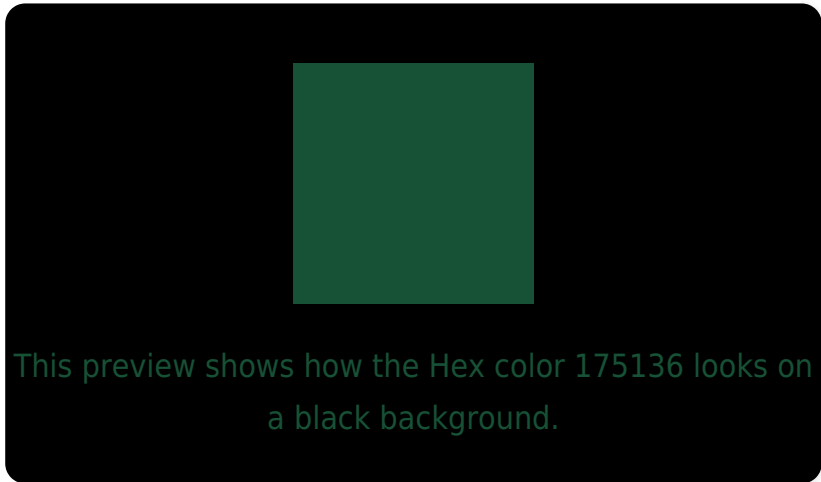
Large Text (above 18pt) WCAG AA ✓ Pass

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

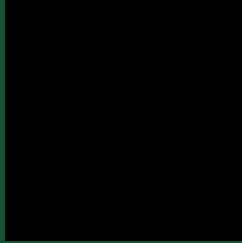
Any Text WCAG AA × Fail

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 175136 Background



This preview shows how black text looks on a background with the Hex color 175136.



This preview shows how white text looks on a background with the Hex color 175136.

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
175136

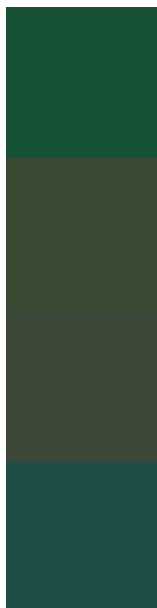
Protanopia
4D4732

Deuteranopia
534439



Tritanopia
234D54

Trichromacy



Original Color

175136

Protanomaly

394B33

Deuteranomaly

3D4938

Tritanomaly

1F4E49

Monochromacy



Original Color

175136

Achromatopsia

3D3D3D

Achromatomaly

2F443A

CSS Examples

Text

The CSS property to change the color of the text to Hex 175136 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 #175136 looks like.

```
.text, #text, p{  
    color:#175136  
}
```

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 #175136 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #175136
}
```

Border

The CSS property to change the border of an element to Hex 175136 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".

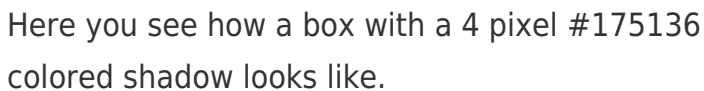
```
.border, #border, table{ border:4px solid
#175136 }
```

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

```
.border{ border-color:#175136 }
```

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

Here you see how a box with a 4 pixel #175136 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #175136; -webkit-box-shadow:4px 4px  
4px 4px #175136; box-shadow:4px 4px 4px  
4px #175136 }
```

Background

The CSS property to change the background color of an element to Hex 175136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#175136 }
```

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

```
.background{ background-color:#175136 }
```

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