

Converting Colors

Hex(176034)

Have a look what the booklet for
Hex(176034) contains.

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Color

Hex(176034)

Conversions

Conversions Part 1

Format	Color
Hex	176034
RGB	23, 96, 52
RGB Percent	9%, 38%, 20%
CMY	0.9098, 0.6235, 0.7961
CMYK	0.76, 0.00, 0.46, 0.62
HSL	144°, 61%, 23%
HSV	144°, 76%, 38%
XYZ	5.1561, 8.7958, 4.6748
YIQ	69.1570, -29.3840, -29.1600

Conversions

Conversions Part 2

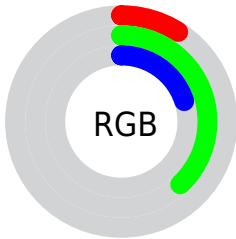
Format	Color
RYB	23, 75, 96
Decimal	1531956
CIELab	35.59, -33.09, 18.91
CIELCh	36, 38.111, 150.247
Yxy	8.7958, 0.2768, 0.4722
Android (android.graphics.Color)	4279722036 (0xFF176034)
YUV	69.1570, -8.4584, -40.4797
Hunter-Lab	29.6578, -20.8686, 11.4148

Details

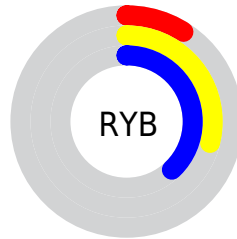
The Hex color **176034** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **601743**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **4E9363**, and **003007** is the 20% darker color. If you saturate the color by 10%, you get **0D602E**, and if you desaturate by 10%, it is **21603A**.

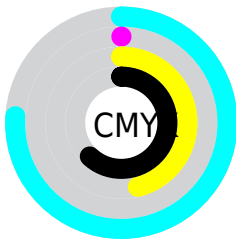
Distribution



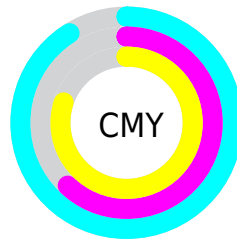
- Red (9%)
- Green (38%)
- Blue (20%)



- Red (9%)
- Yellow (29%)
- Blue (38%)



- Cyan (76%)
- Magenta (0%)
- Yellow (46%)
- Black (62%)




- Cyan (91%)
- Magenta (62%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 176034 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 176034 by changing the saturation by 10% instead.

 176034

 176034

FFFFFF

 00481E

 4E9363

 003007

 68AE7C

 001C00

 83CA96


 000000

 9EE6B1

 BAFFCD

 D6FFE9

 F3FFFF

 176034

 176034

■ 0D602E

■ 21603A

■ 046028

■ 2A6040

■ 006026

■ 346045

■ 3D604B

■ 476051

■ 516057

■ 5A605D

■ 646062

■ 6D6068

Harmonies

Analogous

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



455B1B



176034



006253

Triad

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



176034



005791



893B37

Complementary

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



176034



601743

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.



8A3755



176034



544C89

Square

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



176034



005F88



793F72



7B471E

Rectangle

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



176034



006268



793F72



8B3940

Sweetspot

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



176034



607D6C



446017



2E4035



BFBFBF



404040

Same Dimension

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



176034



0B7D38



176057



2C302E



00702D



00F05F

Inverse Universe

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



601743



7D0B50



601720



302C2F



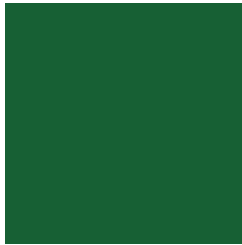
700044



F00090

Previews

White Background



This preview shows how the Hex color 176034 looks on a white background.

Color Contrast Check

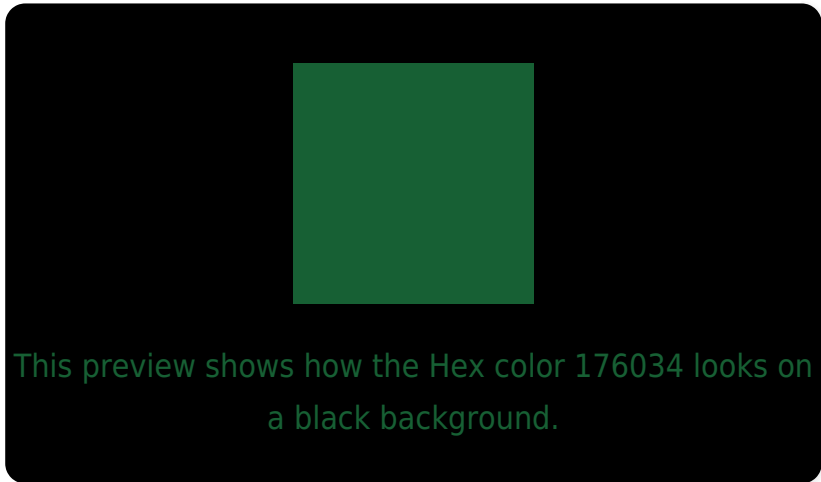
Large Text (above 18pt) WCAG AA ✓ Pass

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

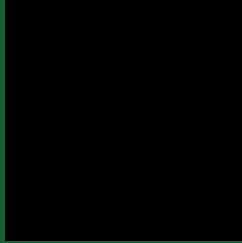
Any Text WCAG AA × Fail

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 176034 Background



This preview shows how black text looks on a background with the Hex color 176034.



This preview shows how white text looks on a background with the Hex color 176034.

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
176034

Protanopia
5C532F

Deuteranopia
645038



Tritanopia
2A5B62

Trichromacy



Original Color
176034

Protanomaly
435831

Deuteranomaly
485637

Tritanomaly
235D51

Monochromacy



Original Color
176034

Achromatopsia
454545

Achromatomaly
344F3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 176034 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 #176034 looks like.

```
.text, #text, p{  
    color:#176034  
}
```

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 #176034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #176034
}
```

Border

The CSS property to change the border of an element to Hex 176034 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
#176034 }
```

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

```
.border{ border-color:#176034 }
```

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

Here you see how a box with a 4 pixel #176034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #176034; -webkit-box-shadow:4px 4px  
4px 4px #176034; box-shadow:4px 4px 4px  
4px #176034 }
```

Background

The CSS property to change the background color of an element to Hex 176034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#176034 }
```

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

```
.background{ background-color:#176034 }
```

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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