

Converting Colors

Hex(176849)

Have a look what the booklet for
Hex(176849) contains.

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Color

Hex(176849)

Conversions

Conversions Part 1

Format	Color
Hex	176849
RGB	23, 104, 73
RGB Percent	9%, 41%, 29%
CMY	0.9098, 0.5922, 0.7137
CMYK	0.78, 0.00, 0.30, 0.59
HSL	157°, 64%, 25%
HSV	157°, 78%, 41%
XYZ	6.5063, 10.5638, 7.9994
YIQ	76.2470, -38.3250, -26.8130

Conversions

Conversions Part 2

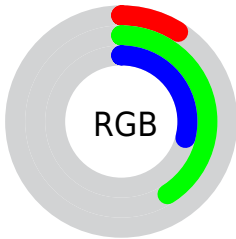
Format	Color
RYB	23, 73, 104
Decimal	1534025
CIELab	38.84, -31.83, 10.78
CIElCh	39, 33.603, 161.289
Yxy	10.5638, 0.2595, 0.4214
Android (android.graphics.Color)	4279724105 (0xFF176849)
YUV	76.2470, -1.6008, -46.6976
Hunter-Lab	32.5020, -21.1464, 8.1589

Details

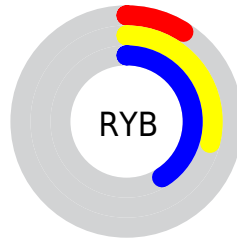
The Hex color **176849** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **681736**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **509C7A**, and **00381D** is the 20% darker color. If you saturate the color by 10%, you get **0D6845**, and if you desaturate by 10%, it is **21684D**.

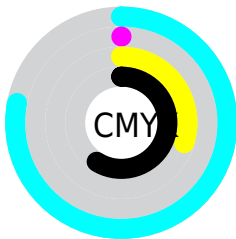
Distribution



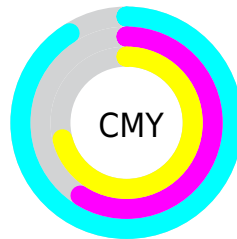
- Red (9%)
- Green (41%)
- Blue (29%)



- Red (9%)
- Yellow (29%)
- Blue (41%)



- Cyan (78%)
- Magenta (0%)
- Yellow (30%)
- Black (59%)



- Cyan (91%)
- Magenta (59%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 176849 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 176849 by changing the saturation by 10% instead.

 176849

 176849

FFFFFF

 004F32

 509C7A

 00381D

 6BB793

 002305

 86D3AE


 000000

 A1EFC9

 BDFFE6

 DAFFFF

 F7FFFF

 176849

 176849

■ 0D6845

■ 21684D

■ 026841

■ 2C6851

■ 006840

■ 366855

■ 416859

■ 4B685D

■ 556861

■ 606865

■ 6A6869

■ 75686D

Harmonies

Analogous

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



446431



176849



006965

Triad

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



176849



3F5B91



8A4A39

Complementary

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



176849



681736

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.



8F4452



176849



6B5085

Square

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



176849



00638F



85476E



795427

Rectangle

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



176849



006977



85476E



8D4741

Sweetspot

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



176849



68877B



366817



32453D



C4C4C4



454545

Same Dimension

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



176849



098757



175F68



2E3331



007347



00F296

Inverse Universe

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



681736



87093A



682017



332E30



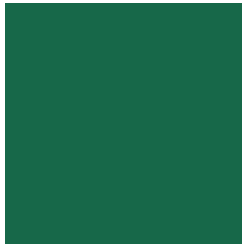
73002C



F2005D

Previews

White Background



This preview shows how the Hex color 176849 looks on a white background.

Color Contrast Check

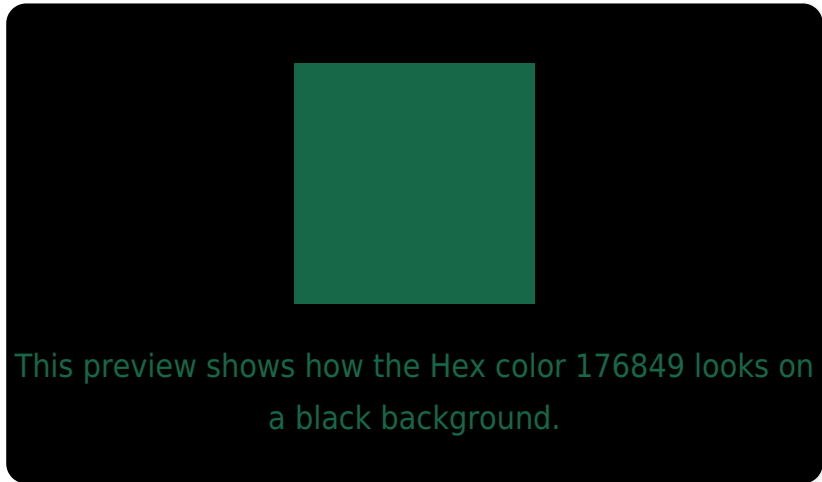
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

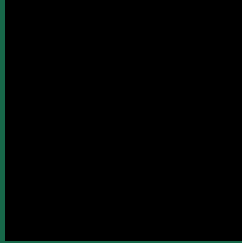
Any Text WCAG AA × Fail

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 176849 Background



This preview shows how black text looks on a background with the Hex color 176849.



This preview shows how white text looks on a background with the Hex color 176849.

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
176849

Protanopia
625B43

Deuteranopia
69584D



Tritanopia
29646C

Trichromacy



Original Color
176849

Protanomaly
476045

Deuteranomaly
4B5E4C

Tritanomaly
22655F

Monochromacy



Original Color
176849

Achromatopsia
4C4C4C

Achromatomaly
39564B

CSS Examples

Text

The CSS property to change the color of the text to Hex 176849 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 #176849 looks like.

```
.text, #text, p{  
    color:#176849  
}
```

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 #176849 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #176849
}
```

Border

The CSS property to change the border of an element to Hex 176849 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
#176849 }
```

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

```
.border{ border-color:#176849 }
```

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

Here you see how a box with a 4 pixel #176849 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #176849; -webkit-box-shadow:4px 4px  
4px 4px #176849; box-shadow:4px 4px 4px  
4px #176849 }
```

Background

The CSS property to change the background color of an element to Hex 176849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#176849 }
```

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

```
.background{ background-color:#176849 }
```

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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