

Converting Colors

Hex(175848)

Have a look what the booklet for
Hex(175848) contains.

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Color

Hex(175848)

Conversions

Conversions Part 1

Format	Color
Hex	175848
RGB	23, 88, 72
RGB Percent	9%, 35%, 28%
CMY	0.9098, 0.6549, 0.7176
CMYK	0.74, 0.00, 0.18, 0.65
HSL	165°, 59%, 22%
HSV	165°, 74%, 35%
XYZ	5.0128, 7.6295, 7.3393
YIQ	66.7410, -33.6040, -18.7560

Conversions

Conversions Part 2

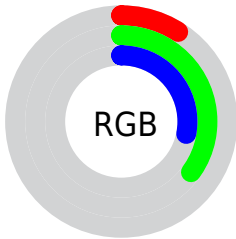
Format	Color
R_{YB}	23, 60, 88
Decimal	1529928
CIE _{Lab}	33.20, -24.56, 3.43
CIE _{LCh}	33, 24.797, 172.046
Yxy	7.6295, 0.2509, 0.3818
Android (android.graphics.Color)	4279720008 (0xFF175848)
YUV	66.7410, 2.5927, -38.3609
Hunter-Lab	27.6215, -15.9434, 3.5811

Details

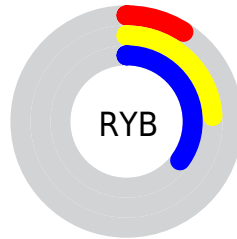
The Hex color **175848** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **581727**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4D8A78**, and **002A1D** is the 20% darker color. If you saturate the color by 10%, you get **0E5846**, and if you desaturate by 10%, it is **20584A**.

Distribution



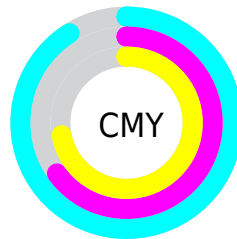
- Red (9%)
- Green (35%)
- Blue (28%)



- Red (9%)
- Yellow (24%)
- Blue (35%)



- Cyan (74%)
- Magenta (0%)
- Yellow (18%)
- Black (65%)



- Cyan (91%)
- Magenta (65%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 175848 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 175848 by changing the saturation by 10% instead.

■ 175848

■ 175848

FFFFFF

■ 004032

■ 4D8A78

■ 002A1D

■ 67A592

■ 001303

■ 81C0AD

■ 000000

■ 9CDCC8

■ B8F9E4

■ D4FFFF

■ F1FFFF

■ 175848

■ 175848

■ 0E5846

■ 20584A

■ 055844

■ 29584C

■ 005842

■ 31584E

■ 3A5851

■ 435853

■ 4C5855

■ 555857

■ 5D5859

■ 66585B

Harmonies

Analogous

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



355635



175848



00585C

Triad

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



175848



484B72



6D4430

Complementary

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



175848



581727

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.



743F40



175848



624466

Square

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



175848



245275



703F54



5F4B27

Rectangle

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



175848



005768



703F54



704235

Sweetspot

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



175848



5A736D



275817



2B3B37



BABABA



3B3B3B

Same Dimension

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



175848



0D735A



174858



272B2A



006B51



00EBB1

Inverse Universe

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



581727



730D26



582717



2B2728



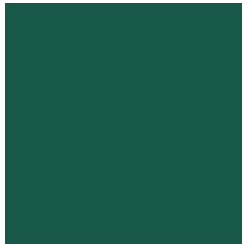
6B001A



EB003A

Previews

White Background



This preview shows how the Hex color 175848 looks on a white background.

Color Contrast Check

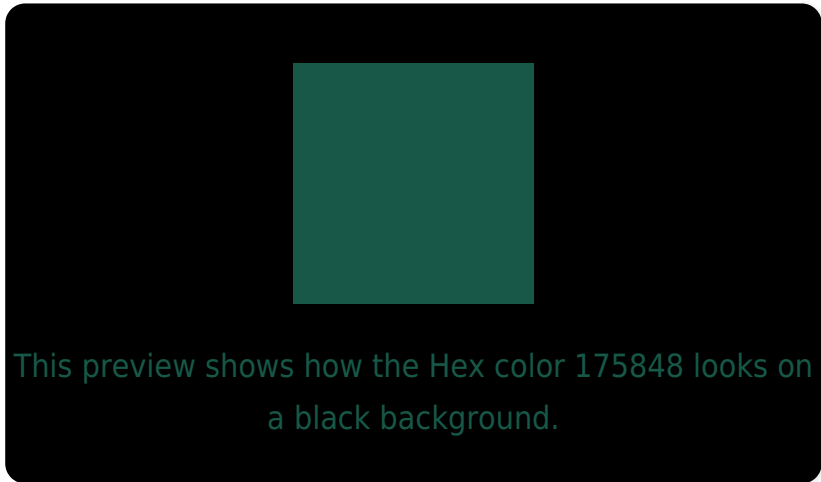
Large Text (above 18pt) WCAG AA ✓ Pass

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

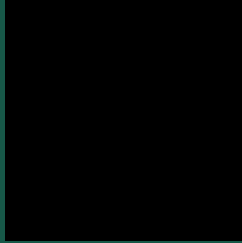
Any Text WCAG AA × Fail

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 175848 Background



This preview shows how black text looks on a background with the Hex color 175848.



This preview shows how white text looks on a background with the Hex color 175848.

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](#).

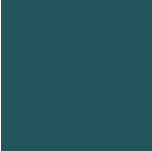
Dichromacy



Original Color
175848

Protanopia
524E43

Deuteranopia
564B4B



Tritanopia
22555C

Trichromacy



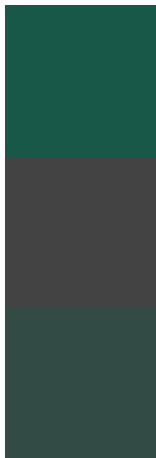
Original Color
175848

Protanomaly
3D5245

Deuteranomaly
3F504A

Tritanomaly
1E5655

Monochromacy



Original Color
175848

Achromatopsia
434343

Achromatomaly
334B45

CSS Examples

Text

The CSS property to change the color of the text to Hex 175848 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 #175848 looks like.

```
.text, #text, p{  
    color:#175848  
}
```

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 #175848 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #175848  
}
```

Border

The CSS property to change the border of an element to Hex 175848 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  
#175848 }
```

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

```
.border{ border-color:#175848 }
```

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

Here you see how a box with a 4 pixel #175848 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #175848; -webkit-box-shadow:4px 4px  
4px 4px #175848; box-shadow:4px 4px 4px  
4px #175848 }
```

Background

The CSS property to change the background color of an element to Hex 175848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#175848 }
```

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

```
.background{ background-color:#175848 }
```

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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