

Converting Colors

Hex(175148)

Have a look what the booklet for
Hex(175148) contains.

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Color

Hex(175148)

Conversions

Conversions Part 1

Format	Color
Hex	175148
RGB	23, 81, 72
RGB Percent	9%, 32%, 28%
CMY	0.9098, 0.6824, 0.7176
CMYK	0.72, 0.00, 0.11, 0.68
HSL	171°, 56%, 20%
HSV	171°, 72%, 32%
XYZ	4.4655, 6.5349, 7.1569
YIQ	62.6320, -31.6790, -15.0950

Conversions

Conversions Part 2

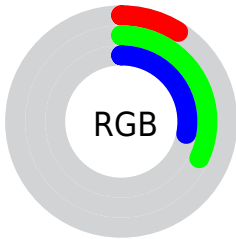
Format	Color
R_YB	23, 54, 81
Decimal	1528136
CIE _{Lab}	30.72, -20.98, -0.16
CIE _{LCh}	31, 20.978, 180.427
Yxy	6.5349, 0.2459, 0.3599
Android (android.graphics.Color)	4279718216 (0xFF175148)
YUV	62.6320, 4.6184, -34.7573
Hunter-Lab	25.5634, -13.5553, 1.2952

Details

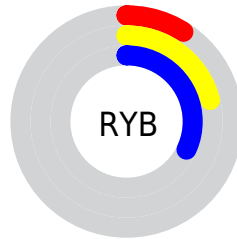
The Hex color **175148** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **511720**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **4B8378**, and **00241D** is the 20% darker color. If you saturate the color by 10%, you get **0F5147**, and if you desaturate by 10%, it is **1F5149**.

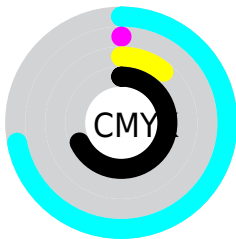
Distribution



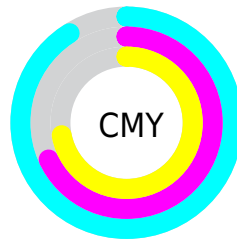
- Red (9%)
- Green (32%)
- Blue (28%)



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



- Cyan (72%)
- Magenta (0%)
- Yellow (11%)
- Black (68%)



- Cyan (91%)
- Magenta (68%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 175148 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 175148 by changing the saturation by 10% instead.

 175148

 175148

FFFFFF

 003A32

 4B8378

 00241D

 659D92

 000503

 7FB8AD


 000000

 9AD4C8

 B5F0E4

 D2FFFF

 EEEFFF

 175148

 175148

■ 0F5147

■ 1F5149

■ 075145

■ 27514B

■ 005144

■ 2F514C

■ 37514D

■ 40514E

■ 485150

■ 505151

■ 585152

■ 605153

Harmonies

Analogous

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



2E5038



175148



005158

Triad

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



175148



4A4465



60422C

Complementary

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



175148



511720

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.



673D39



175148



5D3E59

Square

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



175148



314A69



673C49



534727

Rectangle

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



175148



064F61



673C49



634030

Sweetspot

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



175148



536965



215117



283633



B5B5B5



363636

Same Dimension

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



175148



0F695B



173E51



252928



006958



00E8C4

Inverse Universe

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



511720



690F1D



512A17



292525



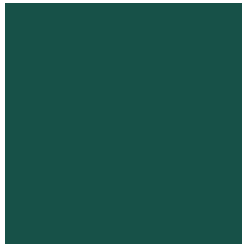
690010



E80024

Previews

White Background



This preview shows how the Hex color 175148 looks on a white background.

Color Contrast Check

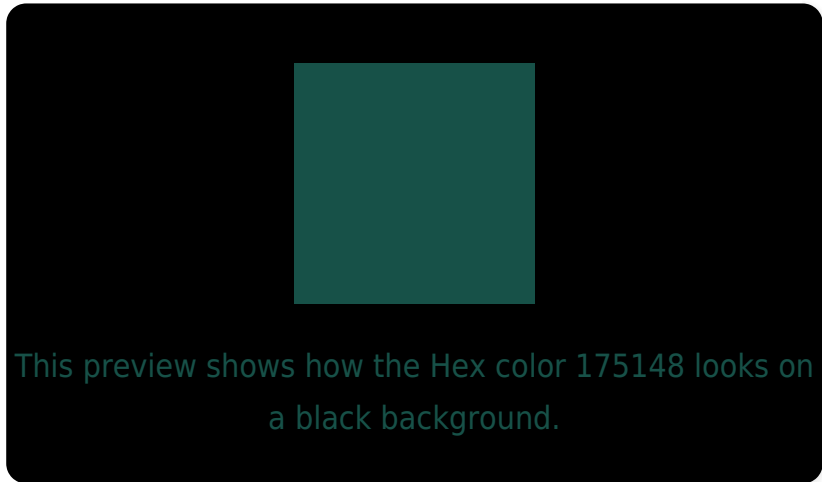
Large Text (above 18pt) WCAG AA ✓ Pass

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

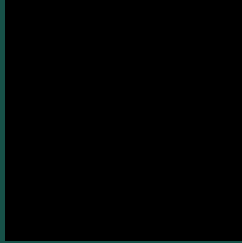
Any Text WCAG AA × Fail

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 175148 Background



This preview shows how black text looks on a background with the Hex color 175148.



This preview shows how white text looks on a background with the Hex color 175148.

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
175148

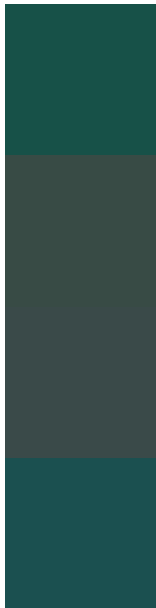
Protanopia
4B4843

Deuteranopia
4E464A



Tritanopia
1E4F55

Trichromacy



Original Color
175148

Protanomaly
384B45

Deuteranomaly
3A4A49

Tritanomaly
1B5050

Monochromacy



Original Color
175148

Achromatopsia
3F3F3F

Achromatomaly
304642

CSS Examples

Text

The CSS property to change the color of the text to Hex 175148 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 #175148 looks like.

```
.text, #text, p{  
    color:#175148  
}
```

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 #175148 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #175148
}
```

Border

The CSS property to change the border of an element to Hex 175148 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
#175148 }
```

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

```
.border{ border-color:#175148 }
```

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

Here you see how a box with a 4 pixel #175148 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #175148; -webkit-box-shadow:4px 4px  
4px 4px #175148; box-shadow:4px 4px 4px  
4px #175148 }
```

Background

The CSS property to change the background color of an element to Hex 175148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#175148 }
```

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

```
.background{ background-color:#175148 }
```

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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