

Converting Colors

Hex(175842)

Have a look what the booklet for
Hex(175842) contains.

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Color

Hex(175842)

Conversions

Conversions Part 1

Format	Color
Hex	175842
RGB	23, 88, 66
RGB Percent	9%, 35%, 26%
CMY	0.9098, 0.6549, 0.7412
CMYK	0.74, 0.00, 0.25, 0.65
HSL	160°, 59%, 22%
HSV	160°, 74%, 35%
XYZ	4.8264, 7.5550, 6.3581
YIQ	66.0570, -31.6780, -20.6220

Conversions

Conversions Part 2

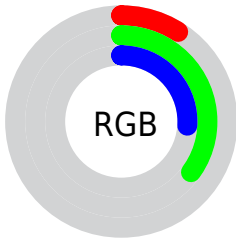
Format	Color
RYB	23, 62, 88
Decimal	1529922
CIELab	33.04, -26.22, 6.96
CIELCh	33, 27.125, 165.140
Yxy	7.5550, 0.2576, 0.4032
Android (android.graphics.Color)	4279720002 (0xFF175842)
YUV	66.0570, -0.0281, -37.7610
Hunter-Lab	27.4863, -16.7573, 5.5254

Details

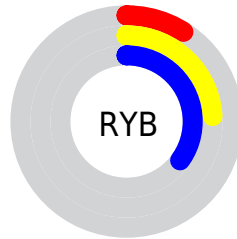
The Hex color **175842** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **58172D**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **4C8B72**, and **002A17** is the 20% darker color. If you saturate the color by 10%, you get **0E583F**, and if you desaturate by 10%, it is **205845**.

Distribution



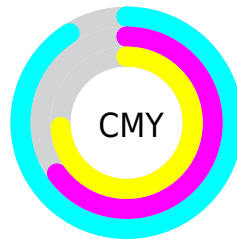
- Red (9%)
- Green (35%)
- Blue (26%)



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



- Cyan (74%)
- Magenta (0%)
- Yellow (25%)
- Black (65%)



- Cyan (91%)
- Magenta (65%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 175842 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 175842 by changing the saturation by 10% instead.

 175842

 175842

FFFFFF

 00402C

 4C8B72

 002A17

 66A58B

 001300

 81C0A6

 000000


 9BDCC1

 B7F9DD

 D3FFF9

 F0FFFF

 175842

 175842

■ 0E583F

■ 205845

■ 05583C

■ 295848

■ 00583A

■ 31584B

■ 3A584E

■ 435851

■ 4C5854

■ 555857

■ 5D585A

■ 66585D

Harmonies

Analogous

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



38552E



175842



005958

Triad

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



175842



3E4C77



724130

Complementary

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



175842



58172D

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.



763C44



175842



5D446C

Square

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



175842



075377



703D59



644924

Rectangle

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



175842



005866



703D59



743F36

Sweetspot

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



175842



5A736A



2E5817



2B3B35



BABABA



3B3B3B

Same Dimension

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



175842



0D7350



174E58



272B2A



006B47



00EB9B

Inverse Universe

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



58172D



730D2F



582117



2B2728



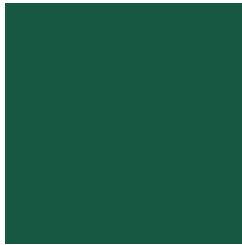
6B0024



EB004F

Previews

White Background



This preview shows how the Hex color 175842 looks on a white background.

Color Contrast Check

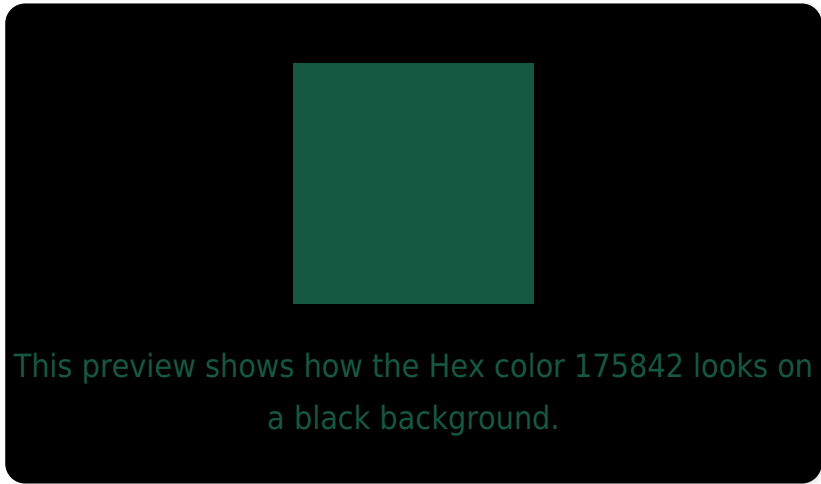
Large Text (above 18pt) WCAG AA ✓ Pass

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

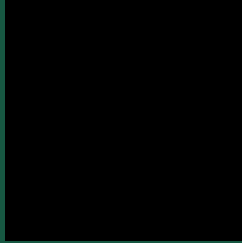
Any Text WCAG AA × Fail

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 175842 Background



This preview shows how black text looks on a background with the Hex color 175842.



This preview shows how white text looks on a background with the Hex color 175842.

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](#).

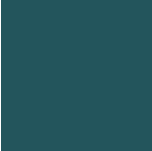
Dichromacy



Original Color
175842

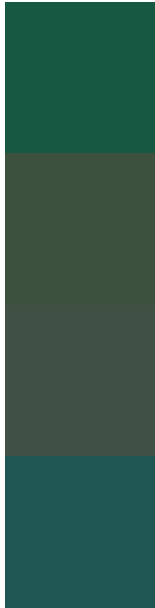
Protanopia
524D3D

Deuteranopia
584B45



Tritanopia
23555C

Trichromacy



Original Color
175842

Protanomaly
3D513F

Deuteranomaly
405044

Tritanomaly
1F5653

Monochromacy



Original Color
175842

Achromatopsia
424242

Achromatomaly
324A42

CSS Examples

Text

The CSS property to change the color of the text to Hex 175842 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 #175842 looks like.

```
.text, #text, p{  
    color:#175842  
}
```

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 #175842 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #175842
}
```

Border

The CSS property to change the border of an element to Hex 175842 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".

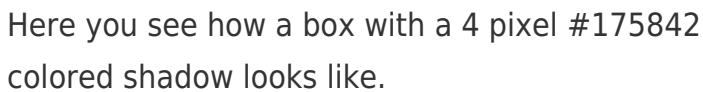
```
.border, #border, table{ border:4px solid
#175842 }
```

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

```
.border{ border-color:#175842 }
```

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

Here you see how a box with a 4 pixel #175842 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #175842; -webkit-box-shadow:4px 4px  
4px 4px #175842; box-shadow:4px 4px 4px  
4px #175842 }
```

Background

The CSS property to change the background color of an element to Hex 175842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#175842 }
```

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

```
.background{ background-color:#175842 }
```

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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