

Converting Colors

Hex(185D4C)

Have a look what the booklet for
Hex(185D4C) contains.

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Color

Hex(185D4C)

Conversions

Conversions Part 1

Format	Color
Hex	185D4C
RGB	24, 93, 76
RGB Percent	9%, 36%, 30%
CMY	0.9059, 0.6353, 0.7020
CMYK	0.74, 0.00, 0.18, 0.64
HSL	165°, 59%, 23%
HSV	165°, 74%, 36%
XYZ	5.5955, 8.5447, 8.1919
YIQ	70.4310, -35.6670, -19.9150

Conversions

Conversions Part 2

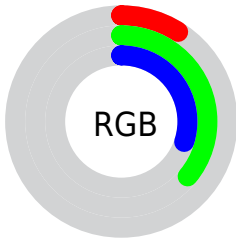
Format	Color
R_{YB}	24, 63, 93
Decimal	1596748
CIE _{Lab}	35.09, -25.72, 3.66
CIE _{LCh}	35, 25.977, 171.903
Yxy	8.5447, 0.2506, 0.3826
Android (android.graphics.Color)	4279786828 (0xFF185D4C)
YUV	70.4310, 2.7455, -40.7200
Hunter-Lab	29.2313, -16.9858, 3.8463

Details

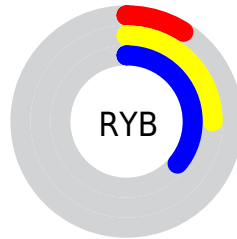
The Hex color **185D4C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5D1829**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **4E907D**, and **002E20** is the 20% darker color. If you saturate the color by 10%, you get **0F5D4A**, and if you desaturate by 10%, it is **215D4E**.

Distribution



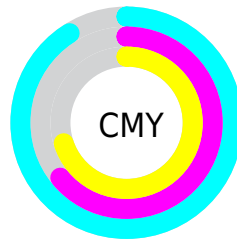
- Red (9%)
- Green (36%)
- Blue (30%)



- Red (9%)
- Yellow (25%)
- Blue (36%)



- Cyan (74%)
- Magenta (0%)
- Yellow (18%)
- Black (64%)




- Cyan (91%)
- Magenta (64%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 185D4C 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 185D4C by changing the saturation by 10% instead.

 185D4C

 185D4C

FFFFFF

 004535

 4E907D

 002E20

 69AB97

 001B09

 83C6B1

 000000

 9EE2CD

 BAFFE9

 D7FFFF

 F4FFFF

 185D4C

 185D4C

■ 0F5D4A

■ 215D4E

■ 055D47

■ 2B5D51

■ 005D46

■ 345D53

■ 3D5D55

■ 465D57

■ 505D5A

■ 595D5C

■ 625D5E

■ 6C5D61

Harmonies

Analogous

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



385B38



185D4C



005D61

Triad

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



185D4C



4C4F79



734833

Complementary

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



185D4C



5D1829

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.



7A4344



185D4C



67486C

Square

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



185D4C



25567B



764259



644F29

Rectangle

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



185D4C



005C6E



764259



774638

Sweetspot

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



185D4C



5D7871



295D18



2D3D39



BDBDBD



3D3D3D

Same Dimension

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



185D4C



0D785E



184C5D



292E2D



006E53



00EDB3

Inverse Universe

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



5D1829



780D27



5D2918



2E292A



6E001B



ED003A

Previews

White Background



This preview shows how the Hex color 185D4C looks on a white background.

Color Contrast Check

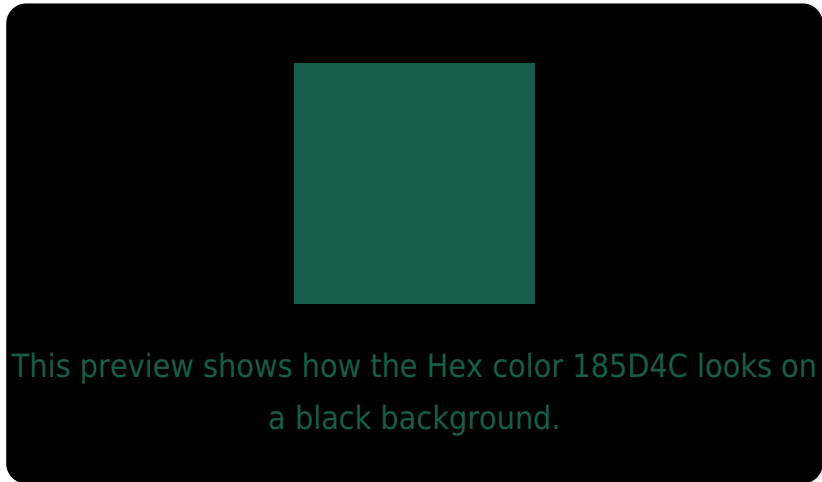
Large Text (above 18pt) WCAG AA ✓ Pass

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

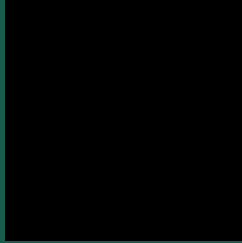
Any Text WCAG AA × Fail

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 185D4C Background



This preview shows how black text looks on a background with the Hex color 185D4C.



This preview shows how white text looks on a background with the Hex color 185D4C.

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
185D4C

Protanopia
565246

Deuteranopia
5B4F4F



Tritanopia
235A61

Trichromacy



Original Color
185D4C

Protanomaly
3F5648

Deuteranomaly
43544E

Tritanomaly
1F5B59

Monochromacy



Original Color
185D4C

Achromatopsia
464646

Achromatomaly
354E48

CSS Examples

Text

The CSS property to change the color of the text to Hex 185D4C 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 #185D4C looks like.

```
.text, #text, p{  
    color:#185D4C  
}
```

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 #185D4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #185D4C
}
```

Border

The CSS property to change the border of an element to Hex 185D4C 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".

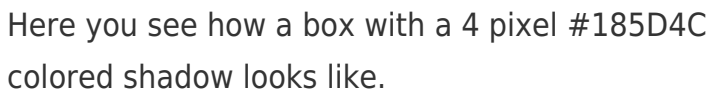
```
.border, #border, table{ border:4px solid
#185D4C }
```

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

```
.border{ border-color:#185D4C }
```

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

Here you see how a box with a 4 pixel #185D4C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #185D4C; -webkit-box-shadow:4px 4px  
4px 4px #185D4C; box-shadow:4px 4px 4px  
4px #185D4C }
```

Background

The CSS property to change the background color of an element to Hex 185D4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#185D4C }
```

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

```
.background{ background-color:#185D4C }
```

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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