

Converting Colors

Hex(185E50)

Have a look what the booklet for
Hex(185E50) contains.

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Color

Hex(185E50)

Conversions

Conversions Part 1

Format	Color
Hex	185E50
RGB	24, 94, 80
RGB Percent	9%, 37%, 31%
CMY	0.9059, 0.6314, 0.6863
CMYK	0.74, 0.00, 0.15, 0.63
HSL	168°, 59%, 23%
HSV	168°, 74%, 37%
XYZ	5.8274, 8.7788, 8.9768
YIQ	71.4740, -37.2260, -19.1940

Conversions

Conversions Part 2

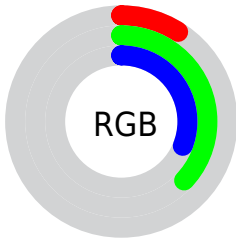
Format	Color
R_YB	24, 63, 94
Decimal	1597008
CIE Lab	35.55, -25.06, 1.84
CIE LCh	36, 25.129, 175.798
Yxy	8.7788, 0.2471, 0.3723
Android (android.graphics.Color)	4279787088 (0xFF185E50)
YUV	71.4740, 4.2033, -41.6347
Hunter-Lab	29.6290, -16.7438, 2.7771

Details

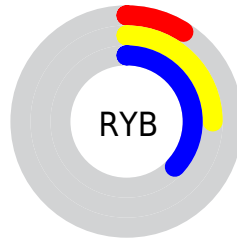
The Hex color **185E50** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5E1826**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4F9181**, and **002F24** is the 20% darker color. If you saturate the color by 10%, you get **0F5E4E**, and if you desaturate by 10%, it is **215E52**.

Distribution



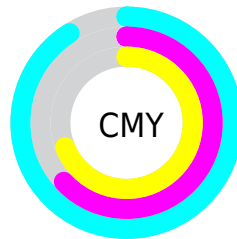
- Red (9%)
- Green (37%)
- Blue (31%)



- Red (9%)
- Yellow (25%)
- Blue (37%)



- Cyan (74%)
- Magenta (0%)
- Yellow (15%)
- Black (63%)



- Cyan (91%)
- Magenta (63%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 185E50 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 185E50 by changing the saturation by 10% instead.

 185E50

 185E50

FFFFFF

 004639

 4F9181

 002F24

 69AC9B

 001C0E

 84C7B6

 000000

 9FE3D1

 BBFFEE

 D7FFFF

 F4FFFF

 185E50

 185E50

■ 0F5E4E

■ 215E52

■ 055E4C

■ 2B5E54

■ 005E4B

■ 345E56

■ 3E5E58

■ 475E59

■ 505E5B

■ 5A5E5D

■ 635E5F

■ 6D5E61

Harmonies

Analogous

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



375C3C



185E50



005E64

Triad

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



185E50



514F78



724A33

Complementary

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



185E50



5E1826

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.



7A4543



185E50



6A486A

Square

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



185E50



2F567B



784457



63512B

Rectangle

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



185E50



005D70



784457



764838

Sweetspot

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



185E50



5F7A75



265E18



2D3D3A



BDBDBD



3D3D3D

Same Dimension

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



185E50



0D7A65



18495E



292E2D



006E58



00EDBE

Inverse Universe

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



5E1826



7A0D23



5E2D18



2E292A



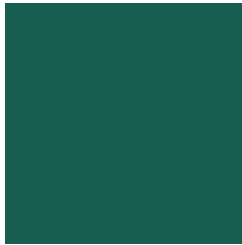
6E0016



ED002F

Previews

White Background



This preview shows how the Hex color 185E50 looks on a white background.

Color Contrast Check

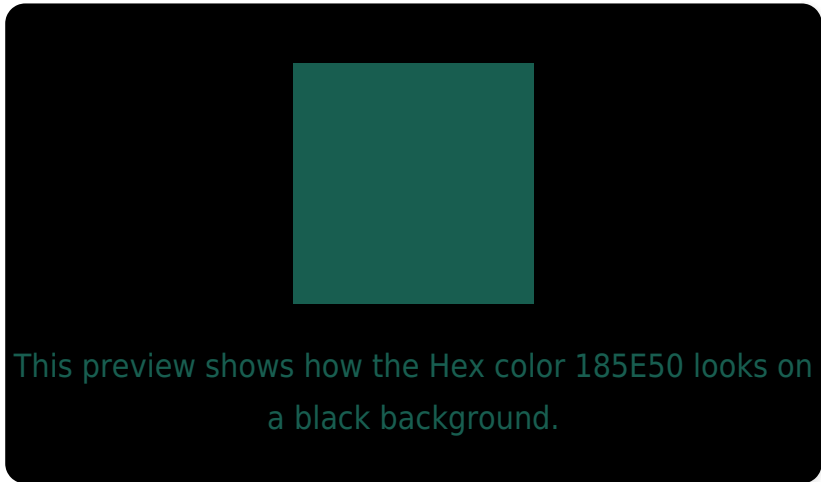
Large Text (above 18pt) WCAG AA ✓ Pass

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

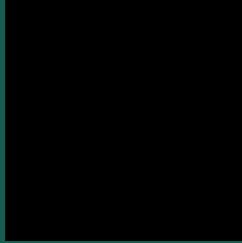
Any Text WCAG AA × Fail

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 185E50 Background



This preview shows how black text looks on a background with the Hex color 185E50.



This preview shows how white text looks on a background with the Hex color 185E50.

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
185E50

Protanopia
57534A

Deuteranopia
5B5153



Tritanopia
225B63

Trichromacy



Original Color
185E50

Protanomaly
40574C

Deuteranomaly
435652

Tritanomaly
1E5C5C

Monochromacy



Original Color
185E50

Achromatopsia
474747

Achromatomaly
364F4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 185E50 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 #185E50 looks like.

```
.text, #text, p{  
    color:#185E50  
}
```

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 #185E50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #185E50
}
```

Border

The CSS property to change the border of an element to Hex 185E50 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
#185E50 }
```

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

```
.border{ border-color:#185E50 }
```

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

Here you see how a box with a 4 pixel #185E50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #185E50; -webkit-box-shadow:4px 4px  
4px 4px #185E50; box-shadow:4px 4px 4px  
4px #185E50 }
```

Background

The CSS property to change the background color of an element to Hex 185E50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#185E50 }
```

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

```
.background{ background-color:#185E50 }
```

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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