

Converting Colors

Hex(185C40)

Have a look what the booklet for
Hex(185C40) contains.

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Color

Hex(185C40)

Conversions

Conversions Part 1

Format	Color
Hex	185C40
RGB	24, 92, 64
RGB Percent	9%, 36%, 25%
CMY	0.9059, 0.6392, 0.7490
CMYK	0.74, 0.00, 0.30, 0.64
HSL	155°, 59%, 23%
HSV	155°, 74%, 36%
XYZ	5.1292, 8.2186, 6.1665
YIQ	68.4760, -31.5400, -23.1240

Conversions

Conversions Part 2

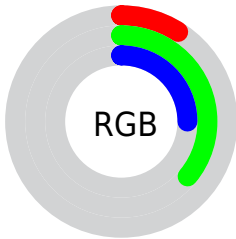
Format	Color
R_{YB}	24, 67, 92
Decimal	1596480
CIE _{Lab}	34.43, -28.44, 10.15
CIE _{LCh}	34, 30.198, 160.359
Yxy	8.2186, 0.2628, 0.4212
Android (android.graphics.Color)	4279786560 (0xFF185C40)
YUV	68.4760, -2.2067, -39.0055
Hunter-Lab	28.6682, -18.2325, 7.3145

Details

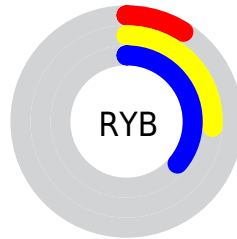
The Hex color **185C40** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5C1834**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **4E8F70**, and **002D15** is the 20% darker color. If you saturate the color by 10%, you get **0F5C3C**, and if you desaturate by 10%, it is **215C44**.

Distribution



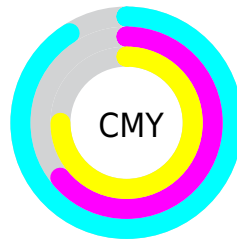
- Red (9%)
- Green (36%)
- Blue (25%)



- Red (9%)
- Yellow (26%)
- Blue (36%)



- Cyan (74%)
- Magenta (0%)
- Yellow (30%)
- Black (64%)



- Cyan (91%)
- Magenta (64%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 185C40 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 185C40 by changing the saturation by 10% instead.

 185C40

 185C40

FFFFFF

 00442A

 4E8F70

 002D15

 68AA89

 001800

 82C5A4

 000000

 9DE1BF

 B9FEDA

 D5FFF7

 F2FFFF

 185C40

 185C40

■ 0F5C3C

■ 215C44

■ 065C38

■ 2A5C48

■ 005C36

■ 345C4B

■ 3D5C4F

■ 465C53

■ 4F5C57

■ 585C5B

■ 625C5E

■ 6B5C62

Harmonies

Analogous

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



3D582B



185C40



005D59

Triad

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



185C40



375180



7A4133

Complementary

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



185C40



5C1834

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.



7E3D4A



185C40



5E4776

Square

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



185C40



00587E



753F62



6C4A23

Rectangle

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



185C40



005D69



753F62



7D3F3A

Sweetspot

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



185C40



5D786D



345C18



2D3D37



BDBDBD



3D3D3D

Same Dimension

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



185C40



0D784C



18565C



292E2C



006E41



00ED8C

Inverse Universe

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



5C1834



780D39



5C1E18



2E292B



6E002D



ED0062

Previews

White Background



This preview shows how the Hex color 185C40 looks on a white background.

Color Contrast Check

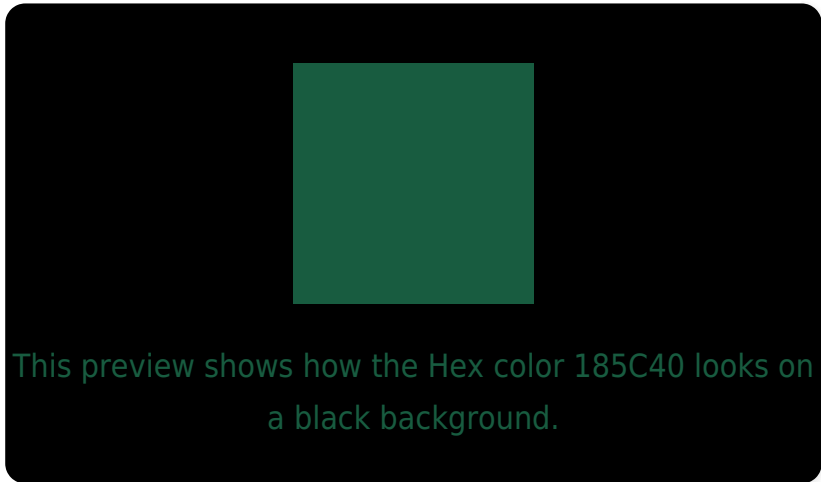
Large Text (above 18pt) WCAG AA ✓ Pass

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

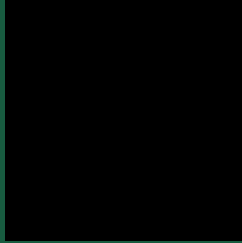
Any Text WCAG AA × Fail

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 185C40 Background



This preview shows how black text looks on a background with the Hex color 185C40.



This preview shows how white text looks on a background with the Hex color 185C40.

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](#).

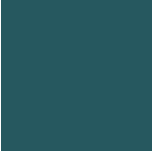
Dichromacy



Original Color
185C40

Protanopia
57513B

Deuteranopia
5D4E43



Tritanopia
26585F

Trichromacy



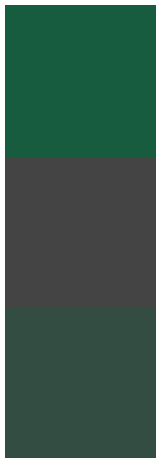
Original Color
185C40

Protanomaly
40553D

Deuteranomaly
445342

Tritanomaly
215954

Monochromacy



Original Color
185C40

Achromatopsia
444444

Achromatomaly
344D43

CSS Examples

Text

The CSS property to change the color of the text to Hex 185C40 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 #185C40 looks like.

```
.text, #text, p{  
    color:#185C40  
}
```

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 #185C40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #185C40
}
```

Border

The CSS property to change the border of an element to Hex 185C40 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
#185C40 }
```

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

```
.border{ border-color:#185C40 }
```

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

Here you see how a box with a 4 pixel #185C40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #185C40; -webkit-box-shadow:4px 4px  
4px 4px #185C40; box-shadow:4px 4px 4px  
4px #185C40 }
```

Background

The CSS property to change the background color of an element to Hex 185C40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#185C40 }
```

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

```
.background{ background-color:#185C40 }
```

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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