

# Converting Colors

Hex(185C3A)

Have a look what the booklet for  
Hex(185C3A) contains.

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# Color

**Hex(185C3A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	185C3A
RGB	24, 92, 58
RGB Percent	9%, 36%, 23%
CMY	0.9059, 0.6392, 0.7725
CMYK	0.74, 0.00, 0.37, 0.64
HSL	150°, 59%, 23%
HSV	150°, 74%, 36%
XYZ	4.9676, 8.1540, 5.3150
YIQ	67.7920, -29.6140, -24.9900

# Conversions

## Conversions Part 2

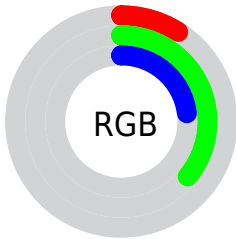
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 69, 92
Decimal	1596474
CIE <sub>Lab</sub>	34.30, -29.88, 13.63
CIE <sub>LCh</sub>	34, 32.839, 155.471
Yxy	8.1540, 0.2694, 0.4423
Android (android.graphics.Color)	4279786554 (0xFF185C3A)
YUV	67.7920, -4.8275, -38.4056
Hunter-Lab	28.5552, -18.9190, 8.9528

# Details

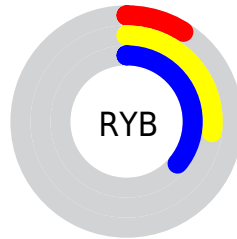
The Hex color **185C3A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5C183A**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **4E8F69**, and **002D0F** is the 20% darker color. If you saturate the color by 10%, you get **0F5C35**, and if you desaturate by 10%, it is **215C3F**.

# Distribution



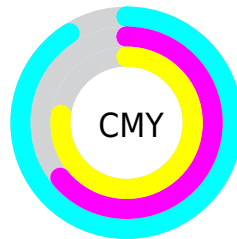
- Red (9%)
- Green (36%)
- Blue (23%)



- Red (9%)
- Yellow (27%)
- Blue (36%)



- Cyan (74%)
- Magenta (0%)
- Yellow (37%)
- Black (64%)



- Cyan (91%)
- Magenta (64%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 185C3A 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 185C3A by changing the saturation by 10% instead.



 185C3A

 185C3A

FFFFFF

 004424

 4E8F69

 002D0F

 68AA83

 001800

 82C59D

 000000

 9DE1B8

 B9FED3

 D5FFF0

 F2FFFF

 185C3A

 185C3A

■ 0F5C35

■ 215C3F

■ 065C31

■ 2A5C43

■ 005C2E

■ 345C48

■ 3D5C4C

■ 465C51

■ 4F5C56

■ 585C5A

■ 625C5F

■ 6B5C63

# Harmonies

## Analogous

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



405824



185C3A



005E55

# Triad

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



185C3A



285285



7E3E34

# Complementary

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



185C3A



5C183A

# 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.



813A4D



185C3A



59487B

# Square

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



185C3A



005980



743E67



714721

# Rectangle

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



185C3A



005D66



743E67



803C3C



# Sweetspot

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



185C3A



5D786B



3A5C18



2D3D35



BDBDBD



3D3D3D



# Same Dimension

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



185C3A



0D7843



185C5C



292E2C



006E37



00ED77



# Inverse Universe

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



5C183A



780D43



5C1818



2E292C



6E0037

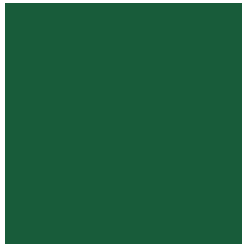


ED0077



# Previews

## White Background



This preview shows how the Hex color 185C3A looks on a white background.

## Color Contrast Check

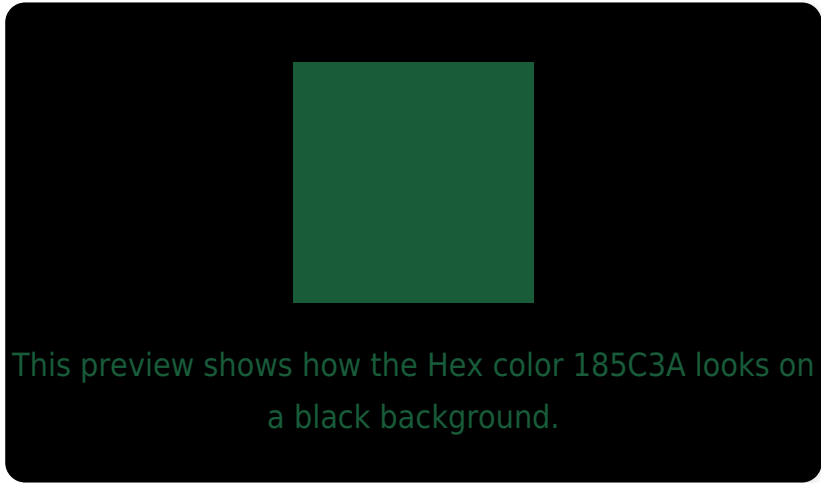
Large Text (above 18pt) WCAG AA ✓ Pass

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

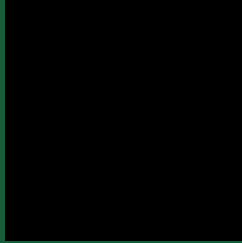
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 185C3A Background



This preview shows how black text looks on a background with the Hex color 185C3A.



This preview shows how white text looks on a background with the Hex color 185C3A.

# 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](#).

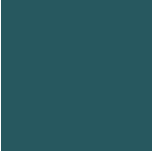
## Dichromacy



**Original Color**  
185C3A

**Protanopia**  
575035

**Deuteranopia**  
5E4D3D



**Tritanopia**  
27585F

# Trichromacy



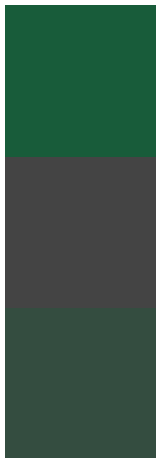
**Original Color**  
185C3A

**Protanomaly**  
405437

**Deuteranomaly**  
45523C

**Tritanomaly**  
225952

# Monochromacy



**Original Color**  
185C3A

**Achromatopsia**  
444444

**Achromatomaly**  
344D40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 185C3A 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 #185C3A looks like.

```
.text, #text, p{  
    color:#185C3A  
}
```

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 #185C3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #185C3A
}
```

## Border

The CSS property to change the border of an element to Hex 185C3A 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
#185C3A }
```

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

```
.border{ border-color:#185C3A }
```

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

Here you see how a box with a 4 pixel #185C3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #185C3A; -webkit-box-shadow:4px 4px  
4px 4px #185C3A; box-shadow:4px 4px 4px  
4px #185C3A }
```

# Background

The CSS property to change the background color of an element to Hex 185C3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#185C3A }
```

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

```
.background{ background-color:#185C3A }
```

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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