

# Converting Colors

Hex(185D29)

Have a look what the booklet for  
Hex(185D29) contains.

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# Color

Hex(185D29)

# Conversions

## Conversions Part 1

Format	Color
Hex	185D29
RGB	24, 93, 41
RGB Percent	9%, 36%, 16%
CMY	0.9059, 0.6353, 0.8392
CMYK	0.74, 0.00, 0.56, 0.64
HSL	135°, 59%, 23%
HSV	135°, 74%, 36%
XYZ	4.6913, 8.1830, 3.4300
YIQ	66.4410, -24.4320, -30.8000

# Conversions

## Conversions Part 2

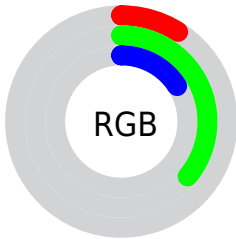
Format	Color
<a href="#">RYB</a>	<a href="#">24, 79, 93</a>
Decimal	<a href="#">1596713</a>
CIELab	<a href="#">34.36, -33.66, 23.66</a>
CIElCh	<a href="#">34, 41.150, 144.895</a>
Yxy	<a href="#">8.1830, 0.2877, 0.5019</a>
Android (android.graphics.Color)	<a href="#">4279786793</a> ( <a href="#">0xFF185D29</a> )
YUV	<a href="#">66.4410, -12.5424, -37.2208</a>
Hunter-Lab	<a href="#">28.6059, -20.7869, 12.9149</a>

# Details

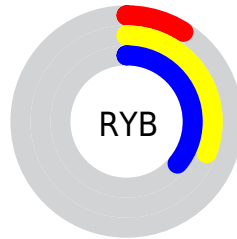
The Hex color **185D29** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5D184C**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4E9058**, and **002E00** is the 20% darker color. If you saturate the color by 10%, you get **0F5D22**, and if you desaturate by 10%, it is **215D30**.

# Distribution



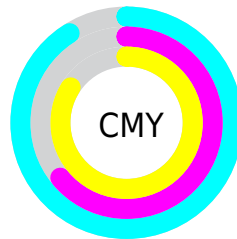
- Red (9%)
- Green (36%)
- Blue (16%)



- Red (9%)
- Yellow (31%)
- Blue (36%)



- Cyan (74%)
- Magenta (0%)
- Yellow (56%)
- Black (64%)



- Cyan (91%)
- Magenta (64%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 185D29 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 185D29 by changing the saturation by 10% instead.



 185D29

 185D29

FFFFFF

 004513

 4E9058

 002E00

 68AB70

 001800

 83C68A

 000000

 9EE3A5

 BAFFC0

 D6FFDC

 F3FFF8

 185D29

 185D29

■ 0F5D22

■ 215D30

■ 055D1B

■ 2B5D37

■ 005D17

■ 345D3E

■ 3D5D45

■ 465D4C

■ 505D53

■ 595D5A

■ 625D61

■ 6C5D68

# Harmonies

## Analogous

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



47570D



185D29



00604A

# Triad

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



185D29



005692



8B3437

# Complementary

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



185D29



5D184C

# 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.



883158



185D29



464B8C

# Square

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



185D29



005D86



733C77



7E401B

# Rectangle

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



185D29



006061



733C77



8C3142



# Sweetspot

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



185D29



5D7864



4D5D18



2D3D31



BDBDBD



3D3D3D



# Same Dimension

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



185D29



0D7827



185D4B



292E2A



006E1B



00ED3A



# Inverse Universe

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



5D184C



780D5E



5D182A



2E292D



6E0053

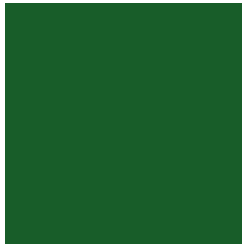


ED00B3



# Previews

## White Background



This preview shows how the Hex color 185D29 looks on a white background.

## Color Contrast Check

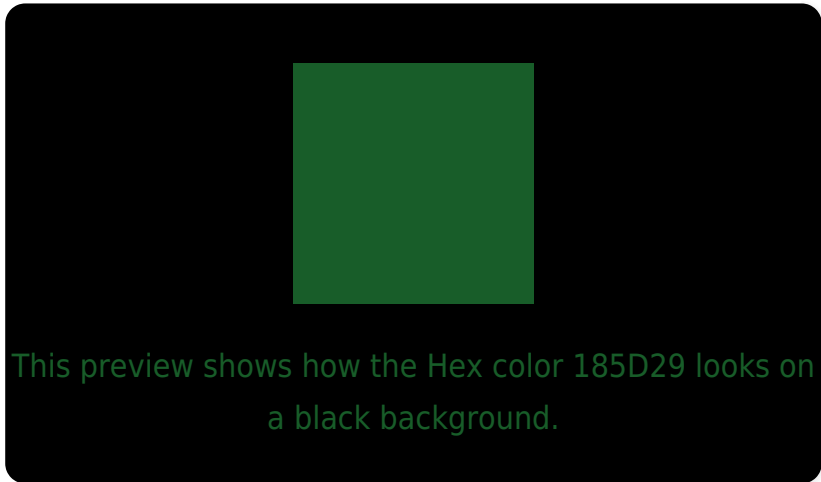
Large Text (above 18pt) WCAG AA ✓ Pass

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

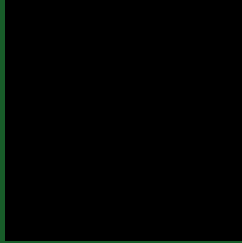
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 185D29 Background



This preview shows how black text looks on a background with the Hex color 185D29.



This preview shows how white text looks on a background with the Hex color 185D29.

# 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**  
185D29

**Protanopia**  
595125

**Deuteranopia**  
624D2D



**Tritanopia**  
2A575E

# Trichromacy



**Original Color**  
185D29

**Protanomaly**  
415526

**Deuteranomaly**  
47532C

**Tritanomaly**  
23594B

# Monochromacy



**Original Color**  
185D29

**Achromatopsia**  
424242

**Achromatomaly**  
334C39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 185D29 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 #185D29 looks like.

```
.text, #text, p{  
    color:#185D29  
}
```

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 #185D29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #185D29
}
```

## Border

The CSS property to change the border of an element to Hex 185D29 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".

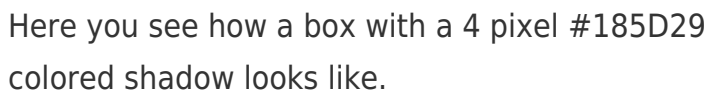
```
.border, #border, table{ border:4px solid
#185D29 }
```

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

```
.border{ border-color:#185D29 }
```

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

Here you see how a box with a 4 pixel #185D29 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #185D29; -webkit-box-shadow:4px 4px  
4px 4px #185D29; box-shadow:4px 4px 4px  
4px #185D29 }
```

# Background

The CSS property to change the background color of an element to Hex 185D29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#185D29 }
```

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

```
.background{ background-color:#185D29 }
```

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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