

# Converting Colors

Hex(135C19)

Have a look what the booklet for  
Hex(135C19) contains.

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# Color

Hex(135C19)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	135C19
RGB	19, 92, 25
RGB Percent	7%, 36%, 10%
CMY	0.9255, 0.6392, 0.9020
CMYK	0.79, 0.00, 0.73, 0.64
HSL	125°, 66%, 22%
HSV	125°, 79%, 36%
XYZ	4.2712, 7.8629, 2.2123
YIQ	62.5350, -22.0010, -36.3130

# Conversions

## Conversions Part 2

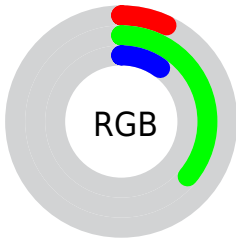
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 86, 92
Decimal	1268761
CIE <sub>Lab</sub>	33.70, -36.44, 31.11
CIE <sub>LCh</sub>	34, 47.915, 139.516
Y <sub>xy</sub>	7.8629, 0.2977, 0.5481
Android (android.graphics.Color)	4279458841 (0xFF135C19)
YUV	62.5350, -18.5048, -38.1802
Hunter-Lab	28.0409, -21.8826, 14.9510

# Details

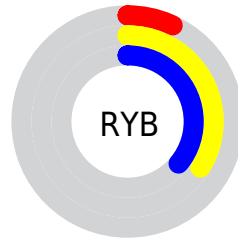
The Hex color **135C19** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **5C1356**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **4C8F48**, and **002D00** is the 20% darker color. If you saturate the color by 10%, you get **0A5C11**, and if you desaturate by 10%, it is **1C5C21**.

# Distribution



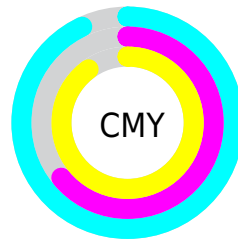
- Red (7%)
- Green (36%)
- Blue (10%)



- Red (7%)
- Yellow (34%)
- Blue (36%)



- Cyan (79%)
- Magenta (0%)
- Yellow (73%)
- Black (64%)



- Cyan (93%)
- Magenta (64%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 135C19 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 135C19 by changing the saturation by 10% instead.





135C19



135C19

FFFFFF



004400



4C8F48



002D00



66AA61



001500



81C57A



000000



9CE294



B8FFAF



D5FFCB



F2FFE7



135C19



135C19

■ 0A5C11

■ 1C5C21

■ 015C08

■ 255C2A

■ 005C08

■ 2F5C32

■ 385C3B

■ 415C43

■ 4A5C4C

■ 535C54

■ 5D5C5D

■ 665C65

# Harmonies

## Analogous

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



495500



135C19



005F40

# Triad

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



135C19



00589A



922838

# Complementary

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



135C19



5C1356

# 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.



8C285E



135C19



2E4B97

# Square

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



135C19



005E89



6F3981



853815

# Rectangle

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



135C19



00605B



6F3981



922545



# Sweetspot

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



135C19



5B785D



575C13



2B3D2D



BDBDBD



3D3D3D



# Same Dimension

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



135C19



06780F



135C3C



292E2A



006E09



00ED13



# Inverse Universe

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



5C1356



78066E



5C1333



2E292E



6E0065



ED00DA



# Previews

## White Background



This preview shows how the Hex color 135C19 looks on a white background.

## Color Contrast Check

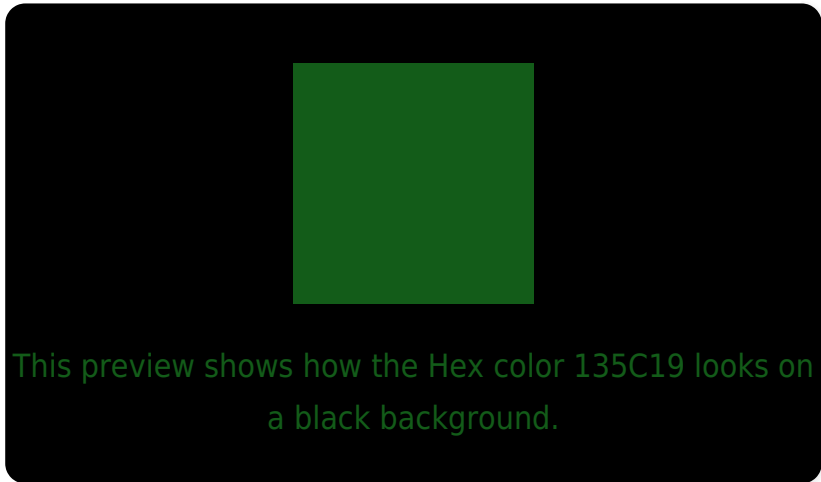
Large Text (above 18pt) WCAG AA ✓ Pass

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

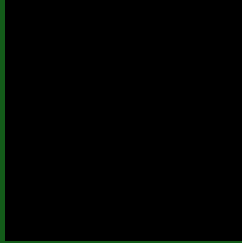
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 135C19 Background



This preview shows how black text looks on a background with the Hex color 135C19.



This preview shows how white text looks on a background with the Hex color 135C19.

# 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](#).

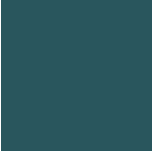
## Dichromacy



**Original Color**  
135C19

**Protanopia**  
594F16

**Deuteranopia**  
624B1F



**Tritanopia**  
29565D

# Trichromacy



**Original Color**  
135C19

**Protanomaly**  
405417

**Deuteranomaly**  
45511D

**Tritanomaly**  
215844

# Monochromacy



**Original Color**  
135C19

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
2F4A31

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 135C19 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 #135C19 looks like.

```
.text, #text, p{  
    color:#135C19  
}
```

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 #135C19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #135C19
}
```

## Border

The CSS property to change the border of an element to Hex 135C19 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
#135C19 }
```

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

```
.border{ border-color:#135C19 }
```

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

Here you see how a box with a 4 pixel #135C19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #135C19; -webkit-box-shadow:4px 4px  
4px 4px #135C19; box-shadow:4px 4px 4px  
4px #135C19 }
```

# Background

The CSS property to change the background color of an element to Hex 135C19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#135C19 }
```

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

```
.background{ background-color:#135C19 }
```

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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