

# Converting Colors

Hex(135909)

Have a look what the booklet for  
Hex(135909) contains.

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# Color

**Hex(135909)**

# Conversions

## Conversions Part 1

Format	Color
Hex	135909
RGB	19, 89, 9
RGB Percent	7%, 35%, 4%
CMY	0.9255, 0.6510, 0.9647
CMYK	0.79, 0.00, 0.90, 0.65
HSL	112°, 82%, 19%
HSV	112°, 90%, 35%
XYZ	3.8902, 7.3029, 1.4630
YIQ	58.9500, -16.0400, -39.7200

# Conversions

## Conversions Part 2

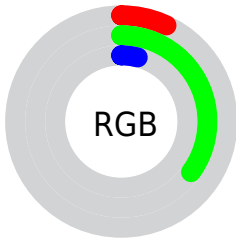
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 89, 79
Decimal	1267977
CIE <sub>Lab</sub>	32.49, -36.68, 36.05
CIE <sub>LCh</sub>	32, 51.432, 135.498
Yxy	7.3029, 0.3074, 0.5770
Android (android.graphics.Color)	4279458057 (0xFF135909)
YUV	58.9500, -24.6253, -35.0361
Hunter-Lab	27.0239, -21.5958, 15.7069

# Details

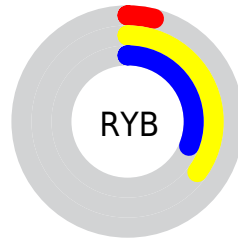
The Hex color **135909** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4F0959**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **4C8C3C**, and **002B00** is the 20% darker color. If you saturate the color by 10%, you get **0B5900**, and if you desaturate by 10%, it is **1B5912**.

# Distribution



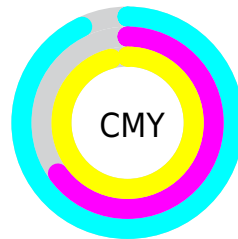
- Red (7%)
- Green (35%)
- Blue (4%)



- Red (4%)
- Yellow (35%)
- Blue (31%)



- Cyan (79%)
- Magenta (0%)
- Yellow (90%)
- Black (65%)



- Cyan (93%)
- Magenta (65%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 135909 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 135909 by changing the saturation by 10% instead.



 135909

 135909

 FFFFF7

 004100

 4C8C3C

 002B00

 66A754

 001000

 81C26D


 000000

 9CDE87

 B8FBA2

 D5FFBE

 F2FFDA

 135909

 135909

■ 0B5900

■ 1B5912

■ 23591B

■ 2A5924

■ 32592D

■ 3A5935

■ 42593E

■ 4A5947

■ 515950

■ 595959

# Harmonies

## Analogous

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



4A5100



135909



005D37

# Triad

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



135909



00579B



931C39

# Complementary

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



135909



4F0959

# 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.



8A2062



135909



004A9B

# Square

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



135909



005D86



673686



873012

# Rectangle

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



135909



005E53



673686



921947



# Sweetspot

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



135909



587354



594E09



2A3B28



BABABA



3B3B3B



# Same Dimension

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



135909



0E7300



095926



282B27



0D6B00



1DEB00



# Inverse Universe

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



4F0959



640073



59093C



2B272B



5E006B

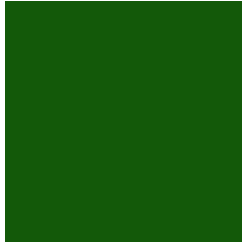


CD00EB



# Previews

## White Background



This preview shows how the Hex color 135909 looks on a white background.

## Color Contrast Check

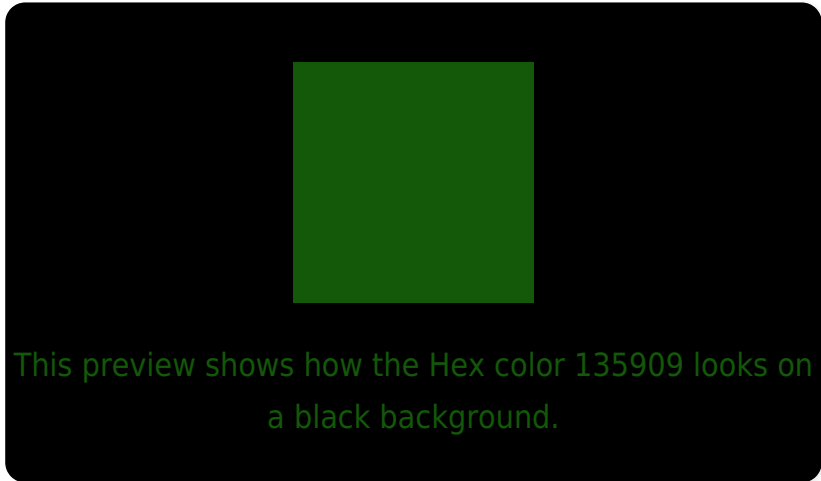
Large Text (above 18pt) WCAG AA ✓ Pass

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

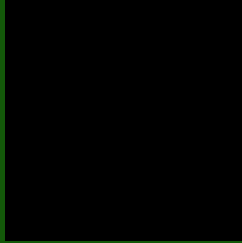
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 135909 Background



This preview shows how black text looks on a background with the Hex color 135909.



This preview shows how white text looks on a background with the Hex color 135909.

# 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**  
135909

**Protanopia**  
564D02

**Deuteranopia**  
604815



**Tritanopia**  
295359

# Trichromacy



**Original Color**  
135909

**Protanomaly**  
3E5105

**Deuteranomaly**  
444E11

**Tritanomaly**  
21553C

# Monochromacy



**Original Color**  
135909

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
2C4629

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 135909 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 #135909 looks like.

```
.text, #text, p{  
    color:#135909  
}
```

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 #135909 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #135909
}
```

## Border

The CSS property to change the border of an element to Hex 135909 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
#135909 }
```

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

```
.border{ border-color:#135909 }
```

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

Here you see how a box with a 4 pixel #135909 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #135909; -webkit-box-shadow:4px 4px  
4px 4px #135909; box-shadow:4px 4px 4px  
4px #135909 }
```

# Background

The CSS property to change the background color of an element to Hex 135909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#135909 }
```

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

```
.background{ background-color:#135909 }
```

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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