

# Converting Colors

Hex(1C8905)

Have a look what the booklet for  
Hex(1C8905) contains.

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**Color**

**Hex(1C8905)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1C8905
RGB	28, 137, 5
RGB Percent	11%, 54%, 2%
CMY	0.8902, 0.4627, 0.9804
CMYK	0.80, 0.00, 0.96, 0.46
HSL	110°, 93%, 28%
HSV	110°, 96%, 54%
XYZ	9.4519, 18.1492, 3.1485
YIQ	89.3610, -22.5920, -64.1600

# Conversions

## Conversions Part 2

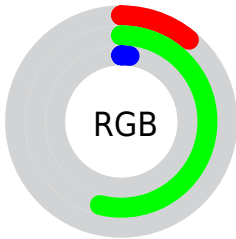
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 137, 114
Decimal	1870085
CIELab	49.68, -51.44, 51.85
CIELCh	50, 73.036, 134.773
Yxy	18.1492, 0.3074, 0.5902
Android (android.graphics.Color)	4280060165 (0xFF1C8905)
YUV	89.3610, -41.5900, -53.8136
Hunter-Lab	42.6018, -34.9499, 25.4394

# Details

The Hex color **1C8905** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **720589**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **5EC044**, and **005500** is the 20% darker color. If you saturate the color by 10%, you get **188900**, and if you desaturate by 10%, it is **278913**.

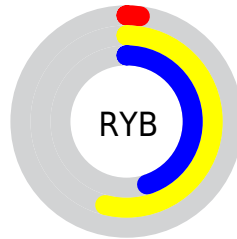
# Distribution



Red (11%)

Green (54%)

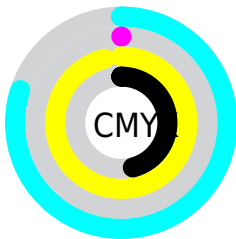
Blue (2%)



Red (2%)

Yellow (54%)

Blue (45%)

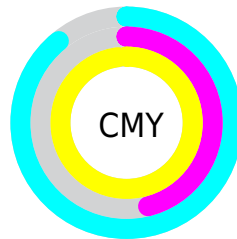


Cyan (80%)

Magenta (0%)

Yellow (96%)

Black (46%)



Cyan (89%)

Magenta (46%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C8905 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 1C8905 by changing the saturation by 10% instead.



 1C8905

 1C8905

FFFFFF

 006F00

 5EC044

 005500

 7BDC5F

 003D00

 98F979

 002700

 B5FF94

 000000

 D2FFB0

 F0FFCC

 FFFFE9

 1C8905

 1C8905

■ 188900

■ 278913

■ 338920

■ 3E892E

■ 49893C

■ 55894A

■ 608957

■ 6B8965

■ 778973

■ 828980

# Harmonies

## Analogous

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



737D00



1C8905



008F53

# Triad

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



1C8905



0086EF



E1265B

# Complementary

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



1C8905



720589

# 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.



D32F98



1C8905



0074F0

# Square

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



1C8905



008FCD



9D55CF



D0481E

# Rectangle

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



1C8905



00917F



9D55CF



E0216F



# Sweetspot

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



1C8905



88B37F



897105



3F593A



D9D9D9



595959



# Same Dimension

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



1C8905



1FB300



05892F



3F453E



178500



010500



# Inverse Universe

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



720589



9300B3



89055F



443E45



6D0085

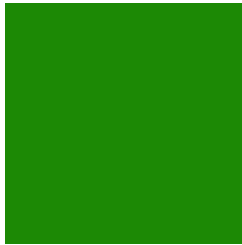


040005



# Previews

## White Background



This preview shows how the Hex color 1C8905 looks on a white background.

## Color Contrast Check

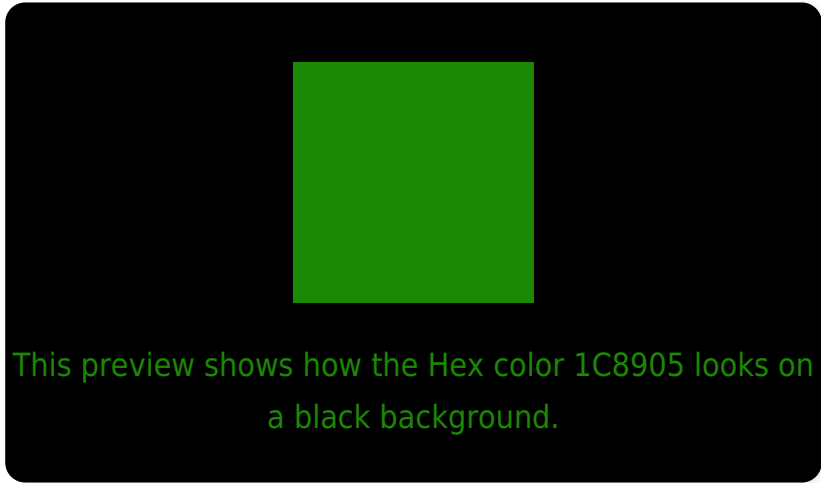
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

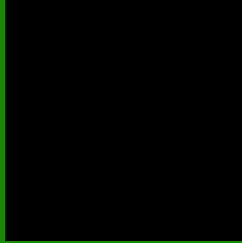
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1C8905 Background



This preview shows how black text looks on a background with the Hex color 1C8905.



This preview shows how white text looks on a background with the Hex color 1C8905.

# 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**  
1C8905

**Protanopia**  
857600

**Deuteranopia**  
946F1E



**Tritanopia**  
3F7F8A

# Trichromacy



**Original Color**  
1C8905



**Protanomaly**  
5F7D02



**Deuteranomaly**  
687815



**Tritanomaly**  
32835A

# Monochromacy



**Original Color**  
1C8905



**Achromatopsia**  
595959



**Achromatomaly**  
436A3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C8905 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 #1C8905 looks like.

```
.text, #text, p{  
    color:#1C8905  
}
```

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 #1C8905 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C8905
}
```

## Border

The CSS property to change the border of an element to Hex 1C8905 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".

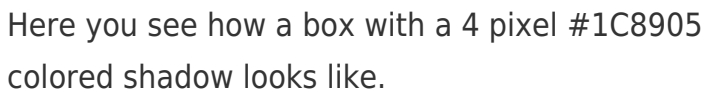
```
.border, #border, table{ border:4px solid
#1C8905 }
```

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

```
.border{ border-color:#1C8905 }
```

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

Here you see how a box with a 4 pixel #1C8905 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The shadow is cast to the right and bottom of the box, matching the border color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C8905; -webkit-box-shadow:4px 4px  
4px 4px #1C8905; box-shadow:4px 4px 4px  
4px #1C8905 }
```

# Background

The CSS property to change the background color of an element to Hex 1C8905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C8905 }
```

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

```
.background{ background-color:#1C8905 }
```

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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