

# Converting Colors

Hex(1C5E08)

Have a look what the booklet for  
Hex(1C5E08) contains.

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# Color

**Hex(1C5E08)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C5E08
RGB	28, 94, 8
RGB Percent	11%, 37%, 3%
CMY	0.8902, 0.6314, 0.9686
CMYK	0.70, 0.00, 0.91, 0.63
HSL	106°, 84%, 20%
HSV	106°, 91%, 37%
XYZ	4.5254, 8.2698, 1.5874
YIQ	64.4620, -11.7300, -40.7380

# Conversions

## Conversions Part 2

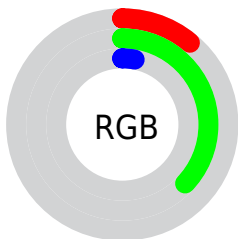
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 94, 74
Decimal	1859080
CIELab	34.54, -36.62, 38.28
CIELCh	35, 52.971, 133.731
Yxy	8.2698, 0.3146, 0.5750
Android (android.graphics.Color)	4280049160 (0xFF1C5E08)
YUV	64.4620, -27.8358, -31.9772
Hunter-Lab	28.7573, -22.2354, 16.8572

# Details

The Hex color **1C5E08** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4A085E**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **53913C**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **165E00**, and if you desaturate by 10%, it is **235E11**.

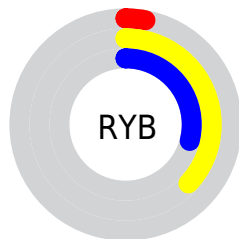
# Distribution



Red (11%)

Green (37%)

Blue (3%)



Red (3%)

Yellow (37%)

Blue (29%)

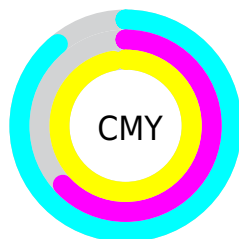


Cyan (70%)

Magenta (0%)

Yellow (91%)

Black (63%)



Cyan (89%)

Magenta (63%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C5E08 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 1C5E08 by changing the saturation by 10% instead.



 1C5E08

 1C5E08

 FFFFF8

 004600

 53913C

 002F00

 6DAC55

 001900

 88C86E

 000000

 A4E488

 C0FFA3

 DDFFBF

 FAFFDB

 1C5E08

 1C5E08

■ 165E00

■ 235E11

■ 2A5E1B

■ 325E24

■ 395E2E

■ 405E37

■ 475E40

■ 4E5E4A

■ 565E53

■ 5D5E5D

# Harmonies

## Analogous

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



515500



1C5E08



006238

# Triad

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



1C5E08



005DA3



9B1F40

# Complementary

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



1C5E08



4A085E

# 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.



90256A



1C5E08



0050A4

# Square

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



1C5E08



00628B



6A3C8F



903217

# Rectangle

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



1C5E08



006456



6A3C8F



9A1D4E



# Sweetspot

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



1C5E08



617A59



5E4A08



2E3D2A



BDBDBD



3D3D3D



# Same Dimension

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



1C5E08



1C7A00



085E1F



2A2E29



196E00



37ED00



# Inverse Universe

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



4A085E



5E007A



5E0847



2D292E



54006E

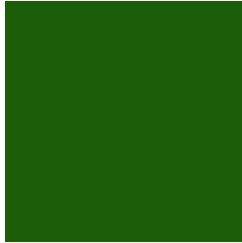


B600ED



# Previews

## White Background



This preview shows how the Hex color 1C5E08 looks on a white background.

## Color Contrast Check

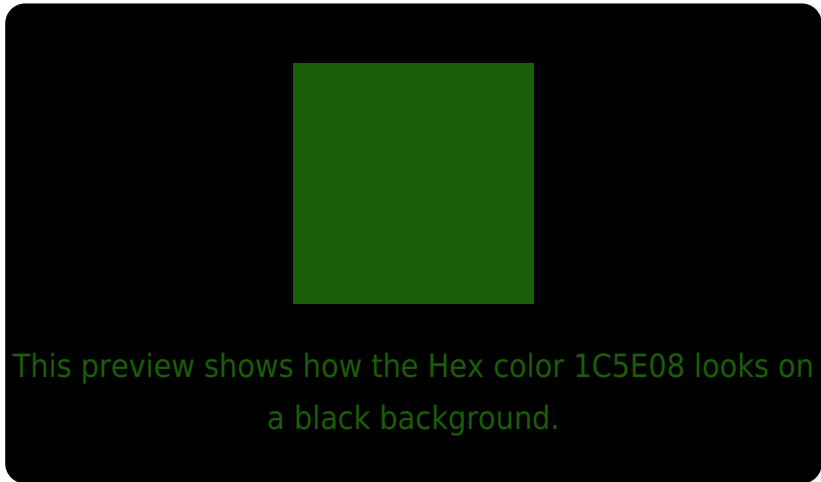
Large Text (above 18pt) WCAG AA ✓ Pass

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

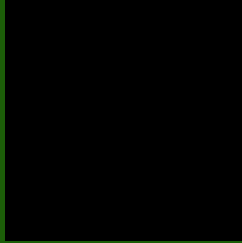
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1C5E08 Background



This preview shows how black text looks on a background with the Hex color 1C5E08.



This preview shows how white text looks on a background with the Hex color 1C5E08.

# 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**  
1C5E08

**Protanopia**  
5B5100

**Deuteranopia**  
664D15



**Tritanopia**  
2F575E

# Trichromacy



**Original Color**  
1C5E08

**Protanomaly**  
445603

**Deuteranomaly**  
4B5310

**Tritanomaly**  
285A3F

# Monochromacy



**Original Color**  
1C5E08

**Achromatopsia**  
404040

**Achromatomaly**  
334B2C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C5E08 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 #1C5E08 looks like.

```
.text, #text, p{  
    color:#1C5E08  
}
```

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 #1C5E08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C5E08
}
```

## Border

The CSS property to change the border of an element to Hex 1C5E08 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
#1C5E08 }
```

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

```
.border{ border-color:#1C5E08 }
```

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

Here you see how a box with a 4 pixel #1C5E08 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C5E08; -webkit-box-shadow:4px 4px  
4px 4px #1C5E08; box-shadow:4px 4px 4px  
4px #1C5E08 }
```

# Background

The CSS property to change the background color of an element to Hex 1C5E08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C5E08 }
```

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

```
.background{ background-color:#1C5E08 }
```

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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