

Converting Colors

Hex(1C5116)

Have a look what the booklet for
Hex(1C5116) contains.

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Color

Hex(1C5116)

Conversions

Conversions Part 1

Format	Color
Hex	1C5116
RGB	28, 81, 22
RGB Percent	11%, 32%, 9%
CMY	0.8902, 0.6824, 0.9137
CMYK	0.65, 0.00, 0.73, 0.68
HSL	114°, 57%, 20%
HSV	114°, 73%, 32%
XYZ	3.5661, 6.1897, 1.7658
YIQ	58.4270, -12.6490, -29.5850

Conversions

Conversions Part 2

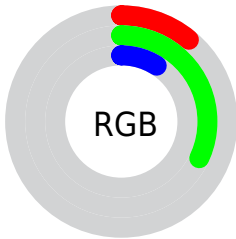
Format	Color
RYB	22, 81, 75
Decimal	1855766
CIELab	29.89, -30.40, 28.49
CIELCh	30, 41.661, 136.855
Yxy	6.1897, 0.3095, 0.5372
Android (android.graphics.Color)	4280045846 (0xFF1C5116)
YUV	58.4270, -17.9585, -26.6845
Hunter-Lab	24.8790, -17.9523, 13.2071

Details

The Hex color **1C5116** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4B1651**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **4F8344**, and **002400** is the 20% darker color. If you saturate the color by 10%, you get **15510E**, and if you desaturate by 10%, it is **23511E**.

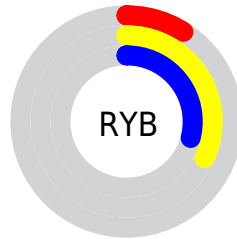
Distribution



Red (11%)

Green (32%)

Blue (9%)



Red (9%)

Yellow (32%)

Blue (29%)

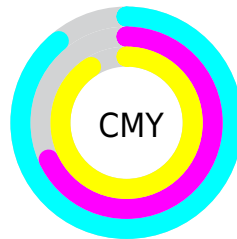


Cyan (65%)

Magenta (0%)

Yellow (73%)

Black (68%)



Cyan (89%)

Magenta (68%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C5116 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 1C5116 by changing the saturation by 10% instead.



1C5116



1C5116

FFFFFF



003900



4F8344



002400



699D5C



000000



83B876



9ED490



B9F1AA



D6FFC6



F2FFE2



1C5116



1C5116

■ 15510E

■ 23511E

■ 0D5106

■ 2B5126

■ 085100

■ 32512E

■ 395136

■ 40513F

■ 485147

■ 4F514F

■ 565157

■ 5D515F

Harmonies

Analogous

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



444A00



1C5116



005437

Triad

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



1C5116



004E86



802536

Complementary

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



1C5116



4B1651

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.



792756



1C5116



254485

Square

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



1C5116



005475



5E3573



763218

Rectangle

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



1C5116



00554D



5E3573



802440

Sweetspot

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



1C5116



546952



514A16



293628



B5B5B5



363636

Same Dimension

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



1C5116



17690E



16512D



252925



0B6900



18E800

Inverse Universe

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



4B1651



5F0E69



51163A



282529



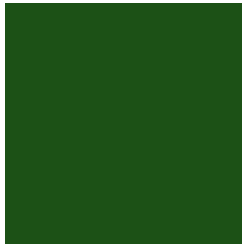
5E0069



D000E8

Previews

White Background



This preview shows how the Hex color 1C5116 looks on a white background.

Color Contrast Check

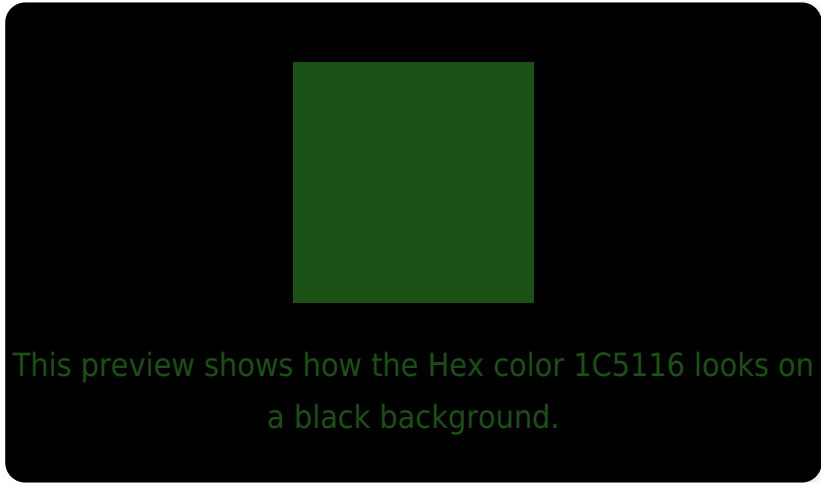
Large Text (above 18pt) WCAG AA ✓ Pass

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

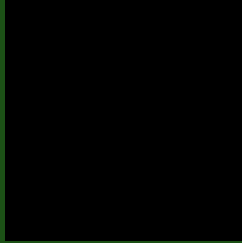
Any Text WCAG AA × Fail

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 1C5116 Background



This preview shows how black text looks on a background with the Hex color 1C5116.



This preview shows how white text looks on a background with the Hex color 1C5116.

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
1C5116

Protanopia
4F4613

Deuteranopia
58431B

Trichromacy



Original Color
1C5116

Protanomaly
3C4A14

Deuteranomaly
424819

Tritanomaly
254E3C

Monochromacy



Original Color
1C5116

Achromatopsia
3A3A3A

Achromatomaly
2F422D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C5116 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 #1C5116 looks like.

```
.text, #text, p{  
    color:#1C5116  
}
```

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 #1C5116 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C5116
}
```

Border

The CSS property to change the border of an element to Hex 1C5116 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
#1C5116 }
```

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

```
.border{ border-color:#1C5116 }
```

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

Here you see how a box with a 4 pixel #1C5116 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C5116; -webkit-box-shadow:4px 4px  
4px 4px #1C5116; box-shadow:4px 4px 4px  
4px #1C5116 }
```

Background

The CSS property to change the background color of an element to Hex 1C5116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C5116 }
```

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

```
.background{ background-color:#1C5116 }
```

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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