

Converting Colors

Hex(C1C109)

Have a look what the booklet for
Hex(C1C109) contains.

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Color

Hex(C1C109)

Conversions

Conversions Part 1

Format	Color
Hex	C1C109
RGB	193, 193, 9
RGB Percent	76%, 76%, 4%
CMY	0.2431, 0.2431, 0.9647
CMYK	0.00, 0.00, 0.95, 0.24
HSL	60°, 91%, 40%
HSV	60°, 95%, 76%
XYZ	41.1116, 49.4971, 7.6455
YIQ	172.0240, 59.0640, -57.2240

Conversions

Conversions Part 2

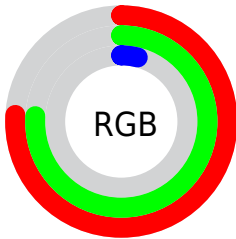
Format	Color
R _Y B	9, 193, 9
Decimal	12697865
CIE Lab	75.76, -17.38, 75.69
CIE LCh	76, 77.665, 102.933
Yxy	49.4971, 0.4184, 0.5038
Android (android.graphics.Color)	4290887945 (0xFFC1C109)
YUV	172.0240, -80.3708, 18.3960
Hunter-Lab	70.3542, -18.8130, 42.8048

Details

The Hex color **C1C109** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **0909C1**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FD9555**, and **878C00** is the 20% darker color. If you saturate the color by 10%, you get **C1C100**, and if you desaturate by 10%, it is **C1C11C**.

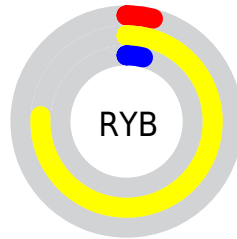
Distribution



Red (76%)

Green (76%)

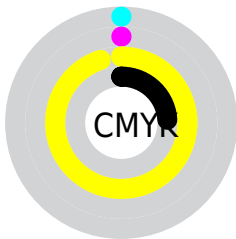
Blue (4%)



Red (4%)

Yellow (76%)

Blue (4%)

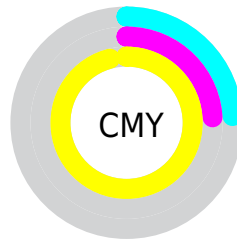


Cyan (0%)

Magenta (0%)

Yellow (95%)

Black (24%)



Cyan (24%)

Magenta (24%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color C1C109 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 C1C109 by changing the saturation by 10% instead.

 C1C109

 C1C109

FFFFFF

 A4A600

 FDF955

 878C00

 FFFF72

 6B7200

 FFFF8E

 4F5A00

 FFFFAB

 344300

 FFFFC8

 1A2D00

 FFFF8E

 001A00

 000000

 C1C109

 C1C109

 C1C100

 C1C11C

 C1C130

 C1C143

 C1C156

 C1C169

 C1C17D

 C1C190

 C1C1A3

 C1C1B7

Harmonies

Analogous

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



FFA821



C1C109



6FD149

Triad

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



C1C109



00D9FF



FF7BE7

Complementary

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



C1C109



0909C1

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.



E599FF



C1C109



00CEFF

Square

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



C1C109



00DCD9



5BB8FF



FF749F

Rectangle

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



C1C109



00D776



5BB8FF



FF84FD

Sweetspot

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



C1C109



FAFAB1



C10909



7D7D51



FCFCFC



7D7D7D

Same Dimension

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



C1C109



FAFA00



65C109



616157



A1A100



212100

Inverse Universe

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



0909C1



0000FA



6509C1



575761



0000A1



000021

Previews

White Background



This preview shows how the Hex color C1C109 looks on a white background.

Color Contrast Check

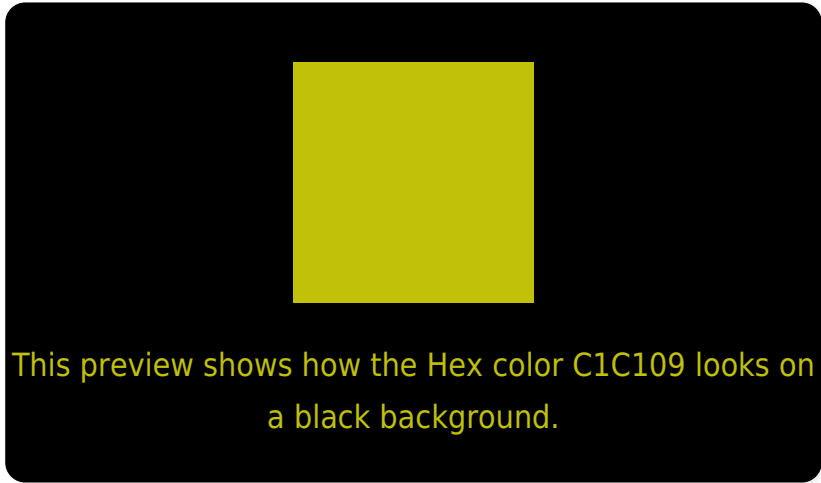
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Hex C1C109 Background



This preview shows how black text looks on a background with the Hex color C1C109.

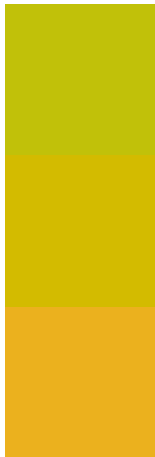


This preview shows how white text looks on a background with the Hex color C1C109.

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
C1C109

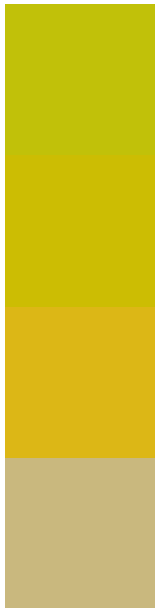
Protanopia
D3BB00

Deuteranopia
EBB11E



Tritanopia
CEB3C1

Trichromacy



Original Color
C1C109

Protanomaly
CCBD03

Deuteranomaly
DCB716

Tritanomaly
C9B87E

Monochromacy



Original Color
C1C109

Achromatopsia
ACACAC

Achromatomaly
B4B471

CSS Examples

Text

The CSS property to change the color of the text to Hex C1C109 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 #C1C109 looks like.

```
.text, #text, p{  
    color:#C1C109  
}
```

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 #C1C109 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1C109
}
```

Border

The CSS property to change the border of an element to Hex C1C109 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
#C1C109 }
```

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

```
.border{ border-color:#C1C109 }
```

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

Here you see how a box with a 4 pixel #C1C109 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1C109; -webkit-box-shadow:4px 4px  
4px 4px #C1C109; box-shadow:4px 4px 4px  
4px #C1C109 }
```

Background

The CSS property to change the background color of an element to Hex C1C109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1C109 }
```

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

```
.background{ background-color:#C1C109 }
```

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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