

Converting Colors

Hex(C7D614)

Have a look what the booklet for
Hex(C7D614) contains.

Hex(C7D614)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C7D614)

Conversions

Conversions Part 1

Format	Color
Hex	C7D614
RGB	199, 214, 20
RGB Percent	78%, 84%, 8%
CMY	0.2196, 0.1608, 0.9216
CMYK	0.07, 0.00, 0.91, 0.16
HSL	65°, 83%, 46%
HSV	65°, 91%, 84%
XYZ	47.7260, 60.2858, 9.7827
YIQ	187.3990, 53.3340, -63.5140

Conversions

Conversions Part 2

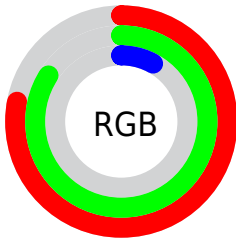
Format	Color
R _Y B	20, 214, 35
Decimal	13096468
CIE Lab	81.99, -24.97, 79.38
CIE LCh	82, 83.212, 107.463
Yxy	60.2858, 0.4052, 0.5118
Android (android.graphics.Color)	4291286548 (0xFFC7D614)
YUV	187.3990, -82.5277, 10.1741
Hunter-Lab	77.6439, -26.1568, 46.8805

Details

The Hex color **C7D614** 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 **2314D6**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFFF5C**, and **8C9F00** is the 20% darker color. If you saturate the color by 10%, you get **C5D600**, and if you desaturate by 10%, it is **C9D629**.

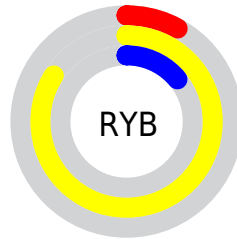
Distribution



Red (78%)

Green (84%)

Blue (8%)



Red (8%)

Yellow (84%)

Blue (14%)

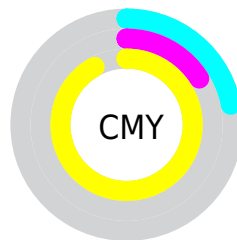


Cyan (7%)

Magenta (0%)

Yellow (91%)

Black (16%)



Cyan (22%)

Magenta (16%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7D614 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 C7D614 by changing the saturation by 10% instead.

 C7D614

 C7D614

FFFFFF

 A9BA00

 FFFF5C

 8C9F00

 FFFF7A

 708500

 FFFF97

 546C00

 FFFFB4

 385400

 FFFFDD

 1C3D00

 FFFFEE

 002700

 000D00

 000000

 C7D614

 C7D614

 C5D600

 C9D629

 CAD63F

 CCD654

 CED66A

 CFD67F

 D1D694

 D3D6AA

 D4D6BF

 D6D6D5

Harmonies

Analogous

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



FFBC1A



C7D614



67E65A

Triad

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



C7D614



00ECFF



FF83F0

Complementary

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



C7D614



2314D6

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.



FFA2FF



C7D614



00DEFF

Square

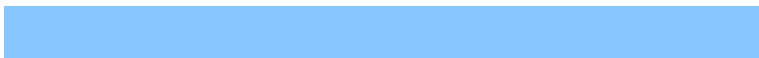
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C7D614



00F0F9



86C5FF



FF80A2

Rectangle

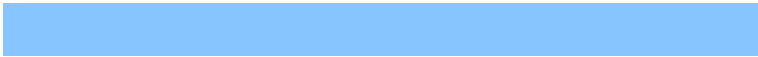
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C7D614



00EC8D



86C5FF



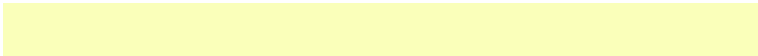
FF8BFF

Sweetspot

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



C7D614



FAFFBA



D62114



7C8057



000000



808080

Same Dimension

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



C7D614



EBFF00



68D614



6A6B60



9EAB00



282B00

Inverse Universe

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



2314D6



1400FF



8214D6



61606B



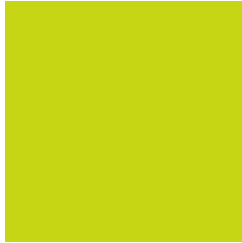
0D00AB



03002B

Previews

White Background



This preview shows how the Hex color C7D614 looks on a white background.

Color Contrast Check

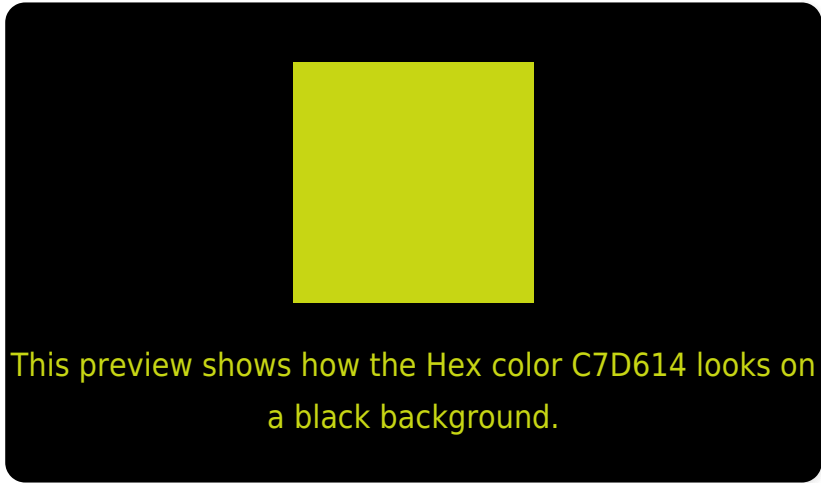
Large Text (above 18pt) WCAG AA × Fail

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 C7D614 Background



This preview shows how black text looks on a background with the Hex color C7D614.

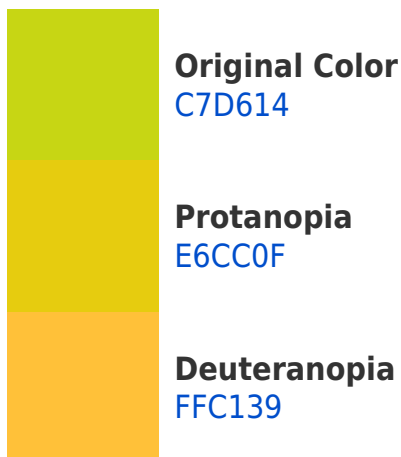


This preview shows how white text looks on a background with the Hex color C7D614.

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





Tritanopia
D6C7D7

Trichromacy



Original Color
C7D614

Protanomaly
DBD011

Deuteranomaly
EBC92C

Tritanomaly
D1CC90

Monochromacy



Original Color
C7D614

Achromatopsia
BBBBBB

Achromatomaly
BFC57E

CSS Examples

Text

The CSS property to change the color of the text to Hex C7D614 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 #C7D614 looks like.

```
.text, #text, p{  
    color:#C7D614  
}
```

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 #C7D614 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7D614
}
```

Border

The CSS property to change the border of an element to Hex C7D614 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
#C7D614 }
```

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

```
.border{ border-color:#C7D614 }
```

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

Here you see how a box with a 4 pixel #C7D614 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7D614; -webkit-box-shadow:4px 4px  
4px 4px #C7D614; box-shadow:4px 4px 4px  
4px #C7D614 }
```

Background

The CSS property to change the background color of an element to Hex C7D614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7D614 }
```

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

```
.background{ background-color:#C7D614 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor