

Converting Colors

Hex(71C14D)

Have a look what the booklet for
Hex(71C14D) contains.

Hex(71C14D)	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(71C14D)

Conversions

Conversions Part 1

Format	Color
Hex	71C14D
RGB	113, 193, 77
RGB Percent	44%, 76%, 30%
CMY	0.5569, 0.2431, 0.6980
CMYK	0.41, 0.00, 0.60, 0.24
HSL	101°, 48%, 53%
HSV	101°, 60%, 76%
XYZ	27.2196, 42.1865, 13.7294
YIQ	155.8560, -10.4440, -53.0360

Conversions

Conversions Part 2

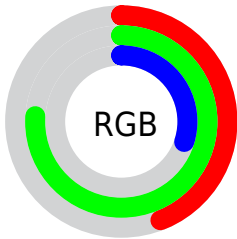
Format	Color
RYB	77, 193, 157
Decimal	7455053
CIELab	71.00, -45.42, 49.71
CIELCh	71, 67.337, 132.422
Yxy	42.1865, 0.3274, 0.5074
Android (android.graphics.Color)	4285645133 (0xFF71C14D)
YUV	155.8560, -38.8760, -37.5847
Hunter-Lab	64.9511, -38.8590, 32.9331

Details

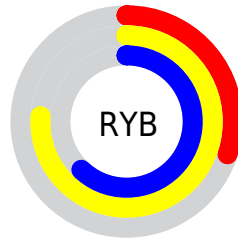
The Hex color **71C14D** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **9D4DC1**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **A9FA82**, and **388B16** is the 20% darker color. If you saturate the color by 10%, you get **64C13A**, and if you desaturate by 10%, it is **7EC160**.

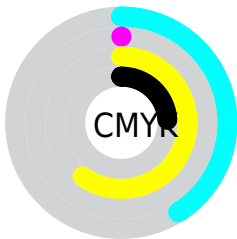
Distribution



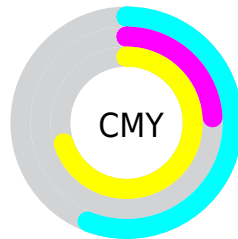
- Red (44%)
- Green (76%)
- Blue (30%)



- Red (30%)
- Yellow (76%)
- Blue (62%)



- Cyan (41%)
- Magenta (0%)
- Yellow (60%)
- Black (24%)



- Cyan (56%)
- Magenta (24%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71C14D 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 71C14D by changing the saturation by 10% instead.

 71C14D

 71C14D


FFFFFF

 55A533

 A9FA82

 388B16

 C6FF9D

 157100

 E3FFB9

 005700

 FFFFD5

 003F00

 FFFFF2

 002A00

 000700

 000000

 71C14D

 71C14D

 64C13A

 7EC160

 56C126

 8CC174

 49C113

 99C187

 3CC100

 A6C19A

 B4C1AD

 C1C1C1

 CEC1D4

 DBC1E7

 E9C1FB

Harmonies

Analogous

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



B6B326



71C14D



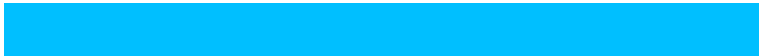
00C986

Triad

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



71C14D



00BFFF



FF7497

Complementary

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



71C14D



9D4DC1

Split Complementary

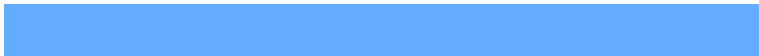
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF7AD4



71C14D



63ACFF

Square

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



71C14D



00C8FF



D292FF



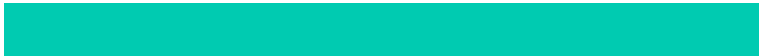
FF855E

Rectangle

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



71C14D



00CBB1



D292FF



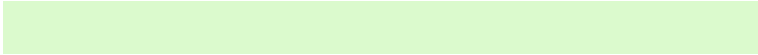
FF73AB

Sweetspot

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



71C14D



DBFACD



C19C4D



6A7D61



FCFCFC



7D7D7D

Same Dimension

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



71C14D



7EFA46



4DC162



5A6157



32A100



0A2100

Inverse Universe

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



9D4DC1



C246FA



C14DAC



5E5761



6F00A1



170021

Previews

White Background



This preview shows how the Hex color 71C14D looks on a white background.

Color Contrast Check

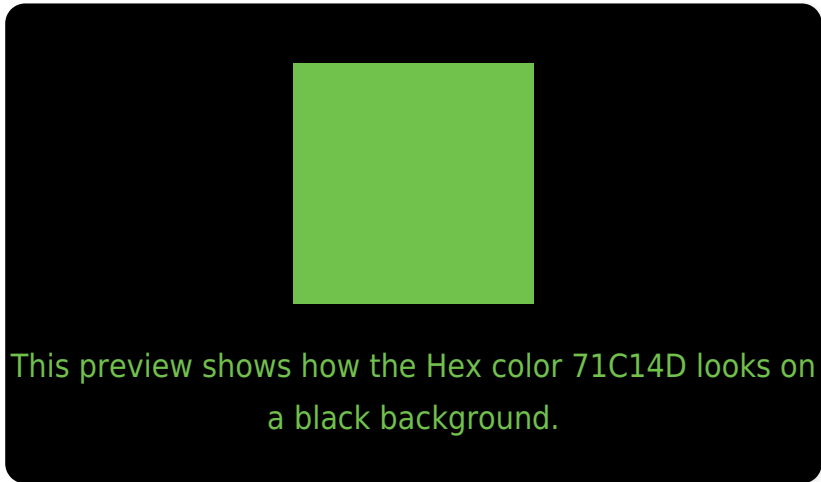
Large Text (above 18pt) WCAG AA × Fail

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 71C14D Background



This preview shows how black text looks on a background with the Hex color 71C14D.

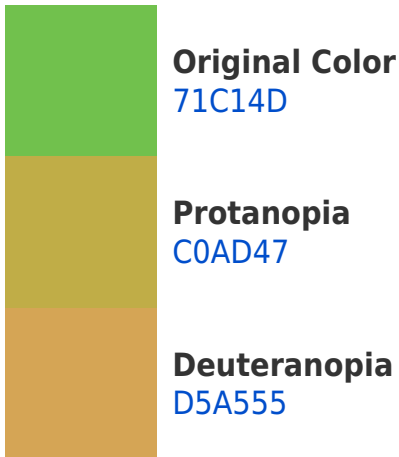


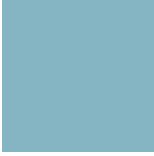
This preview shows how white text looks on a background with the Hex color 71C14D.

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](#).

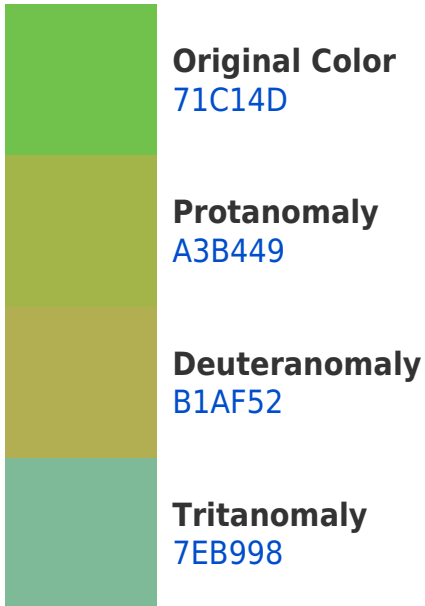
Dichromacy



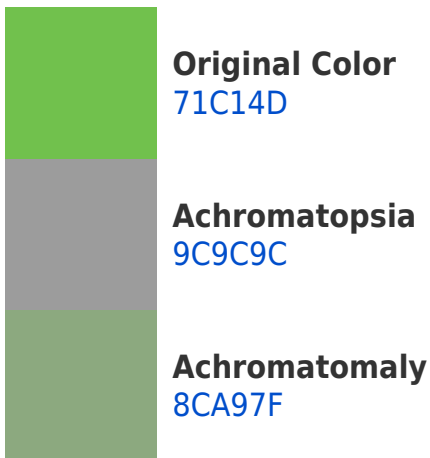


Tritanopia
85B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71C14D 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 #71C14D looks like.

```
.text, #text, p{  
    color:#71C14D  
}
```

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 #71C14D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71C14D
}
```

Border

The CSS property to change the border of an element to Hex 71C14D 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
#71C14D }
```

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

```
.border{ border-color:#71C14D }
```

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

Here you see how a box with a 4 pixel #71C14D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71C14D; -webkit-box-shadow:4px 4px  
4px 4px #71C14D; box-shadow:4px 4px 4px  
4px #71C14D }
```

Background

The CSS property to change the background color of an element to Hex 71C14D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71C14D }
```

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

```
.background{ background-color:#71C14D }
```

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