

Converting Colors

Hex(7CD64A)

Have a look what the booklet for
Hex(7CD64A) contains.

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Color

Hex(7CD64A)

Conversions

Conversions Part 1

Format	Color
Hex	7CD64A
RGB	124, 214, 74
RGB Percent	49%, 84%, 29%
CMY	0.5137, 0.1608, 0.7098
CMYK	0.42, 0.00, 0.65, 0.16
HSL	99°, 63%, 56%
HSV	99°, 65%, 84%
XYZ	33.5948, 52.8726, 14.9134
YIQ	171.1300, -8.7000, -62.6200

Conversions

Conversions Part 2

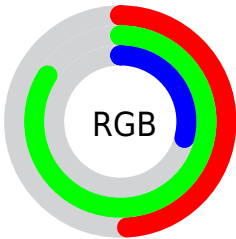
Format	Color
RYB	74, 214, 164
Decimal	8181322
CIELab	77.80, -50.79, 58.63
CIELCh	78, 77.569, 130.901
Yxy	52.8726, 0.3314, 0.5215
Android (android.graphics.Color)	4286371402 (0xFF7CD64A)
YUV	171.1300, -47.8851, -41.3330
Hunter-Lab	72.7136, -44.7790, 38.7393

Details

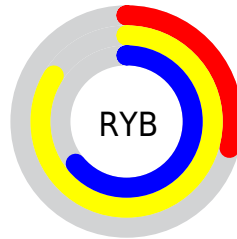
The Hex color **7CD64A** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **A44AD6**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **B6FF81**, and **419E07** is the 20% darker color. If you saturate the color by 10%, you get **6ED635**, and if you desaturate by 10%, it is **8AD65F**.

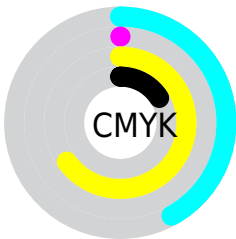
Distribution



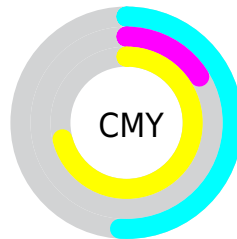
- Red (49%)
- Green (84%)
- Blue (29%)



- Red (29%)
- Yellow (84%)
- Blue (64%)



- Cyan (42%)
- Magenta (0%)
- Yellow (65%)
- Black (16%)



- Cyan (51%)
- Magenta (16%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CD64A 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 7CD64A by changing the saturation by 10% instead.

 7CD64A

 7CD64A

FFFFFF

 5FBA2E

 B6FF81

 419E07

 D3FF9C

 1E8400

 F1FFB8

 006A00

 FFFFD5

 005100

 FFFFF2

 003900

 002200

 000000

 7CD64A

 7CD64A

 6ED635

 8AD65F

 60D61F

 98D675

 53D60A

 A5D68A

 4CD600

 B3D6A0

 C1D6B5

 CFD6CA

 DCD6E0

 EAD6F5

 F8D6FF

Harmonies

Analogous

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



CCC515



7CD64A



00DF8E

Triad

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



7CD64A



00D5FF



FF79A9

Complementary

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



7CD64A



A44AD6

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.



FF83F1



7CD64A



53C0FF

Square

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



7CD64A



00E0FF



E5A1FF



FF8E65

Rectangle

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



7CD64A



00E2C0



E5A1FF



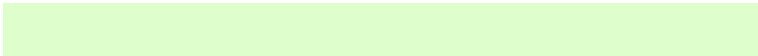
FF79C1

Sweetspot

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



7CD64A



DEFFCC



D6A34A



6C8061



000000



808080

Same Dimension

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



7CD64A



7DFF36



4AD65D



646B60



3DAB00



0F2B00

Inverse Universe

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



A44AD6



B736FF



D64AC3



67606B



6E00AB



1C002B

Previews

White Background



This preview shows how the Hex color 7CD64A looks on a white background.

Color Contrast Check

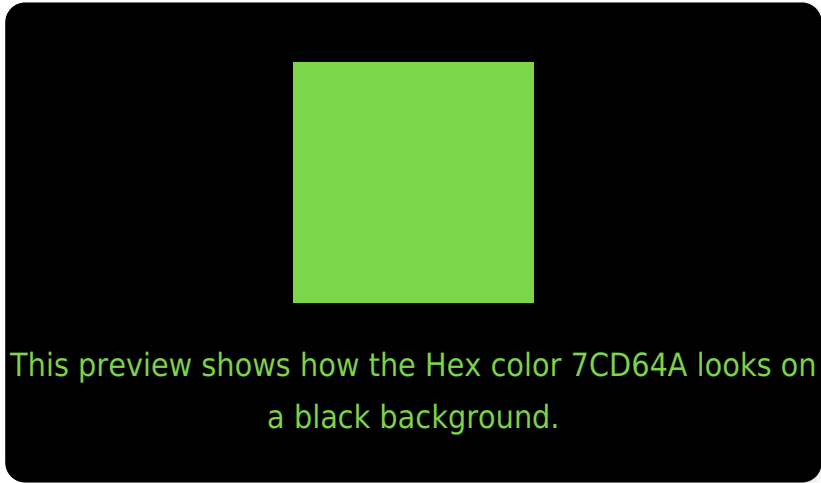
Large Text (above 18pt) WCAG AA × Fail

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 7CD64A Background



This preview shows how black text looks on a background with the Hex color 7CD64A.

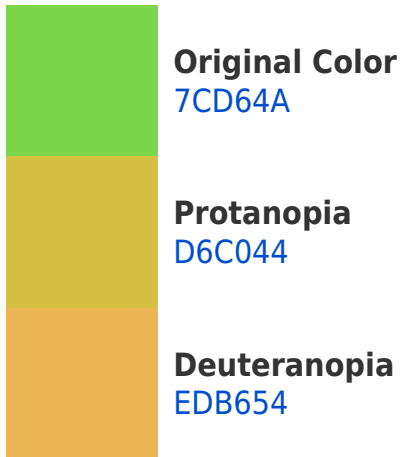


This preview shows how white text looks on a background with the Hex color 7CD64A.

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](#).

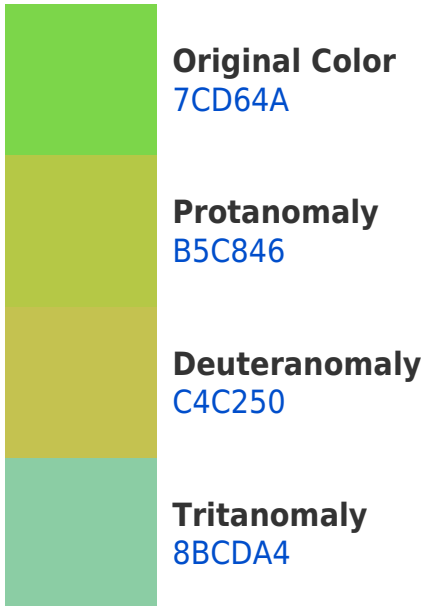
Dichromacy



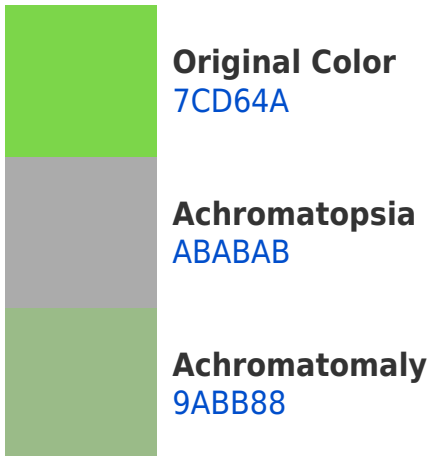


Tritanopia
93C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7CD64A 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 #7CD64A looks like.

```
.text, #text, p{  
    color:#7CD64A  
}
```

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 #7CD64A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CD64A
}
```

Border

The CSS property to change the border of an element to Hex 7CD64A 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
#7CD64A }
```

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

```
.border{ border-color:#7CD64A }
```

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

Here you see how a box with a 4 pixel #7CD64A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CD64A; -webkit-box-shadow:4px 4px  
4px 4px #7CD64A; box-shadow:4px 4px 4px  
4px #7CD64A }
```

Background

The CSS property to change the background color of an element to Hex 7CD64A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CD64A }
```

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

```
.background{ background-color:#7CD64A }
```

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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