

Converting Colors

Hex(7CD561)

Have a look what the booklet for
Hex(7CD561) contains.

Hex(7CD561)	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(7CD561)

Conversions

Conversions Part 1

Format	Color
Hex	7CD561
RGB	124, 213, 97
RGB Percent	49%, 84%, 38%
CMY	0.5137, 0.1647, 0.6196
CMYK	0.42, 0.00, 0.54, 0.16
HSL	106°, 58%, 61%
HSV	106°, 54%, 84%
XYZ	34.2641, 52.7367, 19.6825
YIQ	173.1650, -15.8080, -54.9440

Conversions

Conversions Part 2

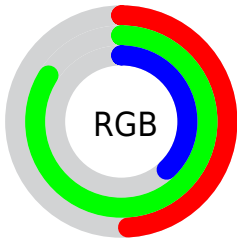
Format	Color
RYB	97, 213, 186
Decimal	8181089
CIELab	77.72, -48.11, 48.50
CIELCh	78, 68.314, 134.768
Yxy	52.7367, 0.3212, 0.4943
Android (android.graphics.Color)	4286371169 (0xFF7CD561)
YUV	173.1650, -37.5493, -43.1177
Hunter-Lab	72.6200, -42.8638, 34.7644

Details

The Hex color **7CD561** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BA61D5**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **B5FF96**, and **439E2D** is the 20% darker color. If you saturate the color by 10%, you get **6CD54C**, and if you desaturate by 10%, it is **8CD576**.

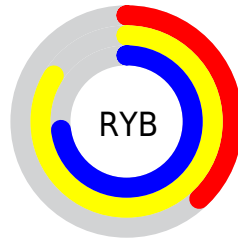
Distribution



Red (49%)

Green (84%)

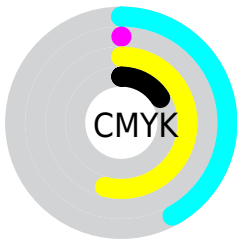
Blue (38%)



Red (38%)

Yellow (84%)

Blue (73%)

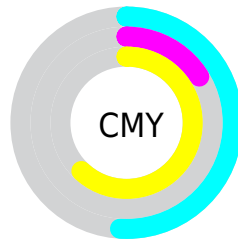


Cyan (42%)

Magenta (0%)

Yellow (54%)

Black (16%)



Cyan (51%)

Magenta (16%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7CD561 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 7CD561 by changing the saturation by 10% instead.

 7CD561

 7CD561

FFFFFF

 60B947

 B5FF96

 439E2D

 D2FFB2

 22830E

 F0FFCE

 006900

 FFFFEB

 005000

 003800

 002200

 000000

 7CD561

 7CD561

 6CD54C

 8CD576

 5BD536

 9DD58C

 4BD521

 ADD5A1

 3BD50C

 BDD5B6

 32D500

 CED5CB

 DED5E1

 EED5F6

 FFD5FF

Harmonies

Analogous

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



C4C73A



7CD561



00DD9D

Triad

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



7CD561



00D0FF



FF87A3

Complementary

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



7CD561



BA61D5

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.



FF8BE3



7CD561



84BCFF

Square

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



7CD561



00DBFF



ECA2FF



FF9869

Rectangle

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



7CD561



00DFC9



ECA2FF



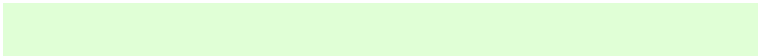
FF85B8

Sweetspot

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



7CD561



E0FFD6



D5BA61



6D8067



000000



808080

Same Dimension

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



7CD561



80FF59



61D580



636B60



28AB00



0A2B00

Inverse Universe

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



BA61D5



D859FF



D561B6



69606B



8300AB



21002B

Previews

White Background



This preview shows how the Hex color 7CD561 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



This preview shows how the Hex color 7CD561 looks on a 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 7CD561 Background



This preview shows how black text looks on a background with the Hex color 7CD561.

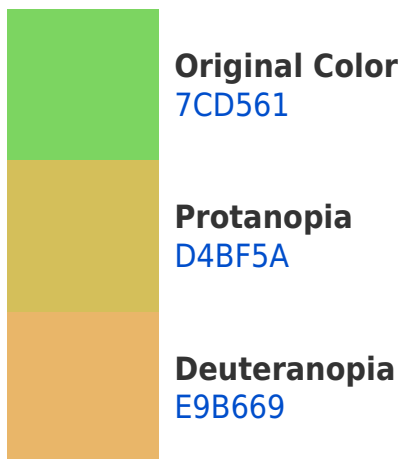


This preview shows how white text looks on a background with the Hex color 7CD561.

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
91C8D8

Trichromacy



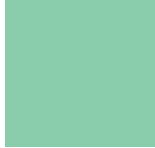
Original Color
7CD561



Protanomaly
B4C75D



Deuteranomaly
C1C166



Tritanomaly
89CDAD

Monochromacy



Original Color
7CD561



Achromatopsia
ADADAD



Achromatomaly
9BBC91

CSS Examples

Text

The CSS property to change the color of the text to Hex 7CD561 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 #7CD561 looks like.

```
.text, #text, p{  
    color:#7CD561  
}
```

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 #7CD561 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CD561
}
```

Border

The CSS property to change the border of an element to Hex 7CD561 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
#7CD561 }
```

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

```
.border{ border-color:#7CD561 }
```

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

Here you see how a box with a 4 pixel #7CD561 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CD561; -webkit-box-shadow:4px 4px  
4px 4px #7CD561; box-shadow:4px 4px 4px  
4px #7CD561 }
```

Background

The CSS property to change the background color of an element to Hex 7CD561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CD561 }
```

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

```
.background{ background-color:#7CD561 }
```

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