

Converting Colors

Hex(79CD71)

Have a look what the booklet for
Hex(79CD71) contains.

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Color

Hex(79CD71)

Conversions

Conversions Part 1

Format	Color
Hex	79CD71
RGB	121, 205, 113
RGB Percent	47%, 80%, 44%
CMY	0.5255, 0.1961, 0.5569
CMYK	0.41, 0.00, 0.45, 0.20
HSL	115°, 48%, 62%
HSV	115°, 45%, 80%
XYZ	32.6971, 48.9198, 23.3419
YIQ	169.3960, -20.5320, -46.4200

Conversions

Conversions Part 2

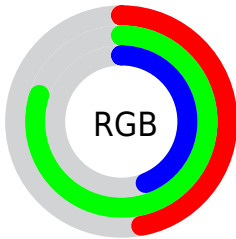
Format	Color
RYB	113, 205, 197
Decimal	7982449
CIELab	75.40, -43.63, 37.89
CIELCh	75, 57.785, 139.027
Yxy	48.9198, 0.3115, 0.4661
Android (android.graphics.Color)	4286172529 (0xFF79CD71)
YUV	169.3960, -27.8032, -42.4433
Hunter-Lab	69.9427, -38.9538, 29.1731

Details

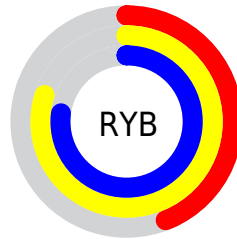
The Hex color **79CD71** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C571CD**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **B1FFA6**, and **41963F** is the 20% darker color. If you saturate the color by 10%, you get **66CD5D**, and if you desaturate by 10%, it is **8CCD85**.

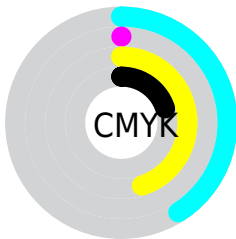
Distribution



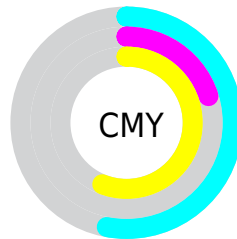
- Red (47%)
- Green (80%)
- Blue (44%)



- Red (44%)
- Yellow (80%)
- Blue (77%)



- Cyan (41%)
- Magenta (0%)
- Yellow (45%)
- Black (20%)



- Cyan (53%)
- Magenta (20%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79CD71 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 79CD71 by changing the saturation by 10% instead.

 79CD71

 79CD71

FFFFFF

 5DB158

 B1FFA6

 41963F

 CEFFC2

 237C26

 EBFFDE

 00620B

 FFFFFB

 004900

 003200

 001B00

 000000

 79CD71

 79CD71

 66CD5D

 8CCD85

 54CD48

 9ECD9A

 41CD34

 B1CDAF

 2ECD1F

 C4CDC3

 1BCD0B

 D7CDD8

 12CD00

 E9CDEC

 FCCDFE

 FFCDFE

Harmonies

Analogous

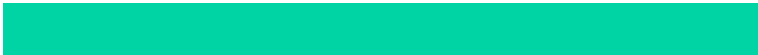
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B7C150



79CD71



00D3A4

Triad

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



79CD71



00C5FF



FF8D9A

Complementary

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



79CD71



C571CD

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.



FF8ED0



79CD71



9CB3FF

Square

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



79CD71



00D0FF



E89EFF



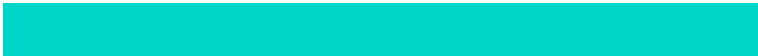
FF9C6B

Rectangle

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



79CD71



00D5C9



E89EFF



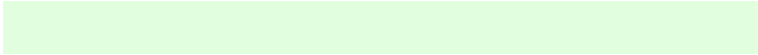
FF8BAC

Sweetspot

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



79CD71



E1FFDE



CDC471



6D806B



000000



808080

Same Dimension

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



79CD71



81FF75



71CD96



5D665C



0EA600



032600

Inverse Universe

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



C571CD



F375FF



CD71A8



655C66



9700A6



230026

Previews

White Background



This preview shows how the Hex color 79CD71 looks on a white background.

Color Contrast Check

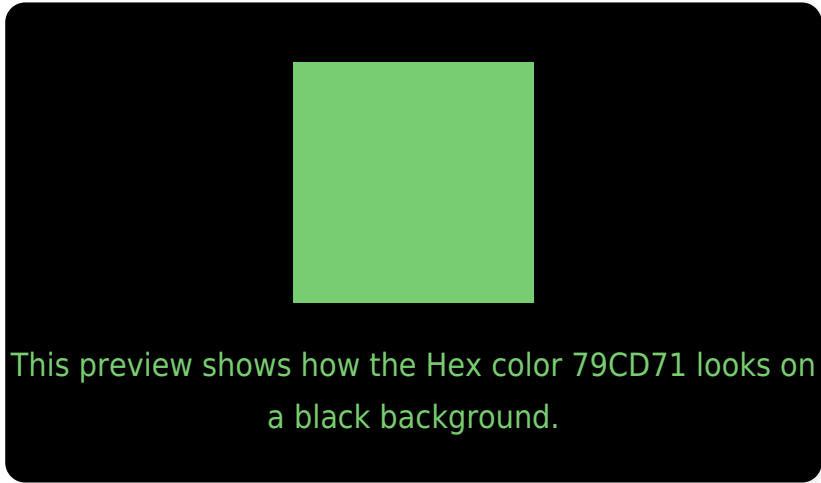
Large Text (above 18pt) WCAG AA × Fail

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 79CD71 Background



This preview shows how black text looks on a background with the Hex color 79CD71.

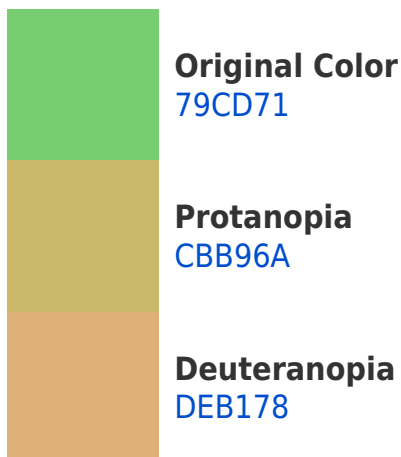


This preview shows how white text looks on a background with the Hex color 79CD71.

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
8BC2D2

Trichromacy



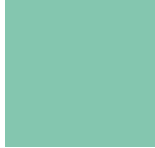
Original Color
79CD71



Protanomaly
ADC06D



Deuteranomaly
B9BB75



Tritanomaly
84C6AF

Monochromacy



Original Color
79CD71



Achromatopsia
A9A9A9



Achromatomaly
98B695

CSS Examples

Text

The CSS property to change the color of the text to Hex 79CD71 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 #79CD71 looks like.

```
.text, #text, p{  
    color:#79CD71  
}
```

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 #79CD71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79CD71
}
```

Border

The CSS property to change the border of an element to Hex 79CD71 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
#79CD71 }
```

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

```
.border{ border-color:#79CD71 }
```

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

Here you see how a box with a 4 pixel #79CD71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79CD71; -webkit-box-shadow:4px 4px  
4px 4px #79CD71; box-shadow:4px 4px 4px  
4px #79CD71 }
```

Background

The CSS property to change the background color of an element to Hex 79CD71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79CD71 }
```

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

```
.background{ background-color:#79CD71 }
```

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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