

Converting Colors

Hex(79CD5D)

Have a look what the booklet for
Hex(79CD5D) contains.

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Color

Hex(79CD5D)

Conversions

Conversions Part 1

Format	Color
Hex	79CD5D
RGB	121, 205, 93
RGB Percent	47%, 80%, 36%
CMY	0.5255, 0.1961, 0.6353
CMYK	0.41, 0.00, 0.55, 0.20
HSL	105°, 53%, 58%
HSV	105°, 55%, 80%
XYZ	31.6923, 48.5179, 18.0505
YIQ	167.1160, -14.1120, -52.6400

Conversions

Conversions Part 2

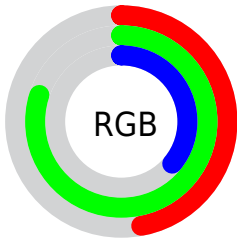
Format	Color
RYB	93, 205, 177
Decimal	7982429
CIELab	75.15, -46.17, 47.29
CIELCh	75, 66.091, 134.317
Yxy	48.5179, 0.3225, 0.4938
Android (android.graphics.Color)	4286172509 (0xFF79CD5D)
YUV	167.1160, -36.5392, -40.4437
Hunter-Lab	69.6548, -40.6801, 33.3938

Details

The Hex color **79CD5D** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **B15DCD**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B2FF92**, and **409629** is the 20% darker color. If you saturate the color by 10%, you get **6ACD49**, and if you desaturate by 10%, it is **88CD72**.

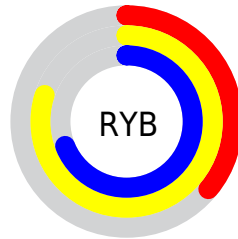
Distribution



Red (47%)

Green (80%)

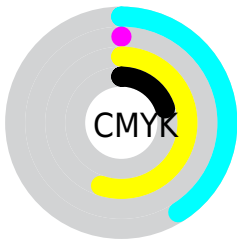
Blue (36%)



Red (36%)

Yellow (80%)

Blue (69%)

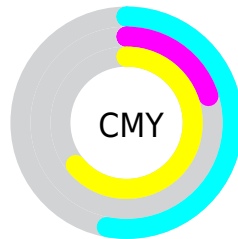


Cyan (41%)

Magenta (0%)

Yellow (55%)

Black (20%)



Cyan (53%)

Magenta (20%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79CD5D 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 79CD5D by changing the saturation by 10% instead.

 79CD5D

 79CD5D

FFFFFF

 5DB143

 B2FF92

 409629

 CEFFAD

 207C09

 ECFFC9

 006200

 FFFFE6

 004900

 003200

 001B00

 000000

 79CD5D

 79CD5D

 6ACD49

 88CD72

 5ACD34

 98CD86

 4BCD1F

 A7CD9B

 3BCD0B

 B6CDAF

 33CD00

 C6CDC3

 D5CDD8

 E5CDEC

 F4CDFF

 FFCDFE

Harmonies

Analogous

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



BEBF38



79CD5D



00D596

Triad

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



79CD5D



00C9FF



FF829E

Complementary

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



79CD5D



B15DCD

Split Complementary

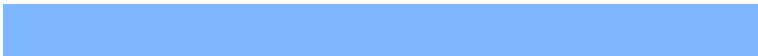
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF86DC



79CD5D



7EB6FF

Square

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



79CD5D



00D3FF



E29CFF



FF9266

Rectangle

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



79CD5D



00D7C0



E29CFF



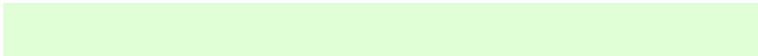
FF81B3

Sweetspot

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



79CD5D



E0FFD6



CDB15D



6D8067



000000



808080

Same Dimension

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



79CD5D



81FF57



5DCD79



5E665C



29A600



0A2600

Inverse Universe

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



B15DCD



D557FF



CD5DB1



635C66



7C00A6



1D0026

Previews

White Background



This preview shows how the Hex color 79CD5D looks on a white background.

Color Contrast Check

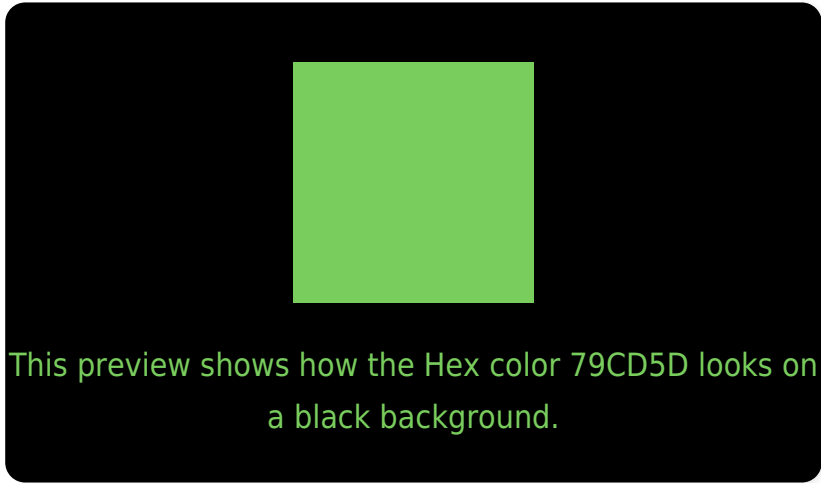
Large Text (above 18pt) WCAG AA × Fail

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 79CD5D Background



This preview shows how black text looks on a background with the Hex color 79CD5D.

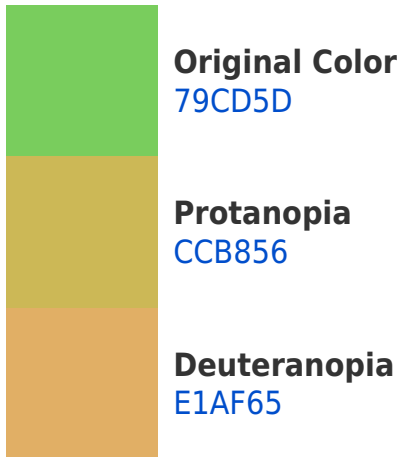


This preview shows how white text looks on a background with the Hex color 79CD5D.

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](#).

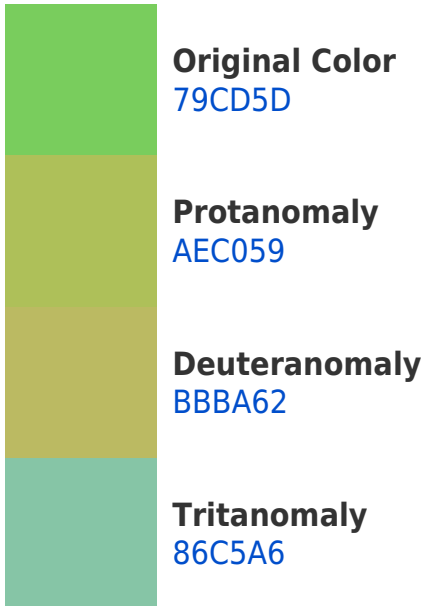
Dichromacy



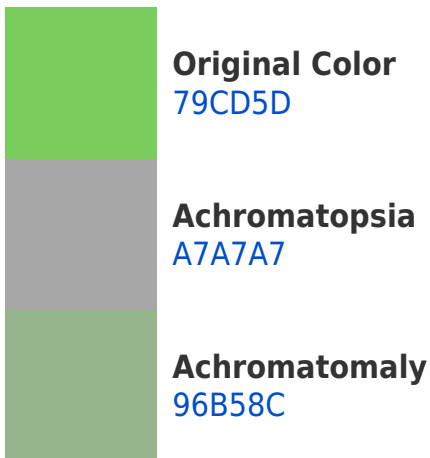


Tritanopia
8DC1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 79CD5D 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 #79CD5D looks like.

```
.text, #text, p{  
    color:#79CD5D  
}
```

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 #79CD5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79CD5D
}
```

Border

The CSS property to change the border of an element to Hex 79CD5D 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
#79CD5D }
```

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

```
.border{ border-color:#79CD5D }
```

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

Here you see how a box with a 4 pixel #79CD5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79CD5D; -webkit-box-shadow:4px 4px  
4px 4px #79CD5D; box-shadow:4px 4px 4px  
4px #79CD5D }
```

Background

The CSS property to change the background color of an element to Hex 79CD5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79CD5D }
```

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

```
.background{ background-color:#79CD5D }
```

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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