

Converting Colors

Hex(79BD76)

Have a look what the booklet for
Hex(79BD76) contains.

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Color

Hex(79BD76)

Conversions

Conversions Part 1

Format	Color
Hex	79BD76
RGB	121, 189, 118
RGB Percent	47%, 74%, 46%
CMY	0.5255, 0.2588, 0.5373
CMYK	0.36, 0.00, 0.38, 0.26
HSL	117°, 35%, 60%
HSV	117°, 38%, 74%
XYZ	29.3528, 41.7681, 23.6545
YIQ	160.5740, -17.7370, -36.4970

Conversions

Conversions Part 2

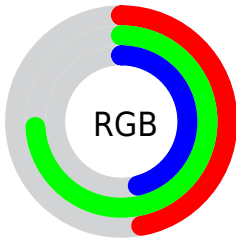
Format	Color
RYB	118, 189, 186
Decimal	7978358
CIELab	70.71, -35.79, 29.27
CIELCh	71, 46.233, 140.720
Yxy	41.7681, 0.3097, 0.4407
Android (android.graphics.Color)	4286168438 (0xFF79BD76)
YUV	160.5740, -20.9890, -34.7064
Hunter-Lab	64.6283, -32.0286, 23.5391

Details

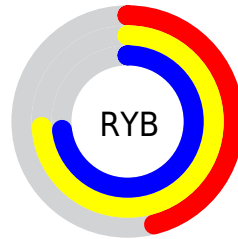
The Hex color **79BD76** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **BA76BD**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B0F6AB**, and **448745** is the 20% darker color. If you saturate the color by 10%, you get **67BD63**, and if you desaturate by 10%, it is **8BBD89**.

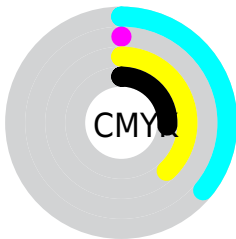
Distribution



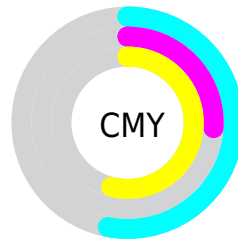
- Red (47%)
- Green (74%)
- Blue (46%)



- Red (46%)
- Yellow (74%)
- Blue (73%)



- Cyan (36%)
- Magenta (0%)
- Yellow (38%)
- Black (26%)



- Cyan (53%)
- Magenta (26%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79BD76 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 79BD76 by changing the saturation by 10% instead.

 79BD76

 79BD76

FFFFFF

 5EA25D

 B0F6AB

 448745

 CCFFC6

 296D2D

 E9FFE3

 085516

 003D00

 002700

 000500

 000000

 79BD76

 79BD76

 67BD63

 8BBD89

 55BD50

 9DBD9C

 43BD3D

 AFBDAF

 31BD2A

 C1BDC2

 1EBD17

 D4BDD5

 0CBD05

 E6BDE7

 08BD00

 F8BDFA

 FFBDFE

Harmonies

Analogous

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



AAB45C



79BD76



34C29E

Triad

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



79BD76



48B5FF



FD8C91

Complementary

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



79BD76



BA76BD

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.



F58CBC



79BD76



9DA7FC

Square

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



79BD76



00BFED



D597E3



F0976D

Rectangle

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



79BD76



00C3BB



D597E3



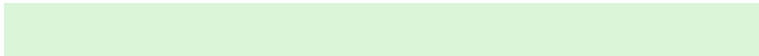
FD8B9F

Sweetspot

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



79BD76



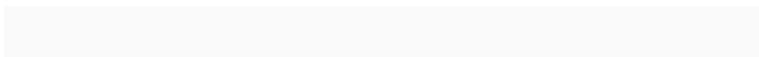
DBF5DA



BDB976



6B7A6A



FAFAFA



7A7A7A

Same Dimension

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



79BD76



8BF587



76BD96



555E55



079E00



011F00

Inverse Universe

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



BA76BD



F087F5



BD769D



5E555E



97009E



1D001F

Previews

White Background



This preview shows how the Hex color 79BD76 looks on a white background.

Color Contrast Check

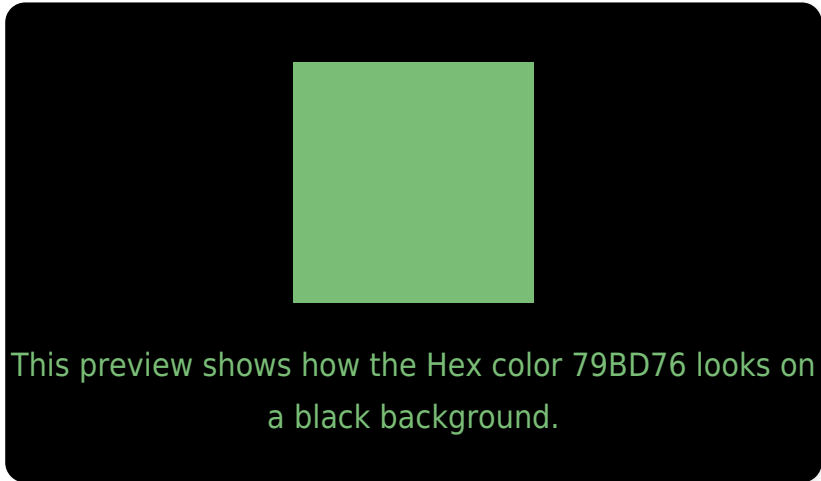
Large Text (above 18pt) WCAG AA × Fail

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 79BD76 Background



This preview shows how black text looks on a background with the Hex color 79BD76.

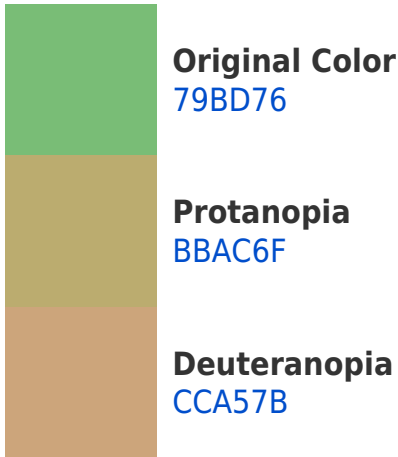


This preview shows how white text looks on a background with the Hex color 79BD76.

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
87B4C2

Trichromacy



Original Color
79BD76



Protanomaly
A3B272



Deuteranomaly
AEAE79



Tritanomaly
82B7A6

Monochromacy



Original Color
79BD76



Achromatopsia
A1A1A1



Achromatomaly
92AB91

CSS Examples

Text

The CSS property to change the color of the text to Hex 79BD76 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 #79BD76 looks like.

```
.text, #text, p{  
    color:#79BD76  
}
```

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 #79BD76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79BD76
}
```

Border

The CSS property to change the border of an element to Hex 79BD76 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
#79BD76 }
```

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

```
.border{ border-color:#79BD76 }
```

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

Here you see how a box with a 4 pixel #79BD76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79BD76; -webkit-box-shadow:4px 4px  
4px 4px #79BD76; box-shadow:4px 4px 4px  
4px #79BD76 }
```

Background

The CSS property to change the background color of an element to Hex 79BD76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79BD76 }
```

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

```
.background{ background-color:#79BD76 }
```

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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