

Converting Colors

Hex(79CB65)

Have a look what the booklet for
Hex(79CB65) contains.

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Color

Hex(79CB65)

Conversions

Conversions Part 1

Format	Color
Hex	79CB65
RGB	121, 203, 101
RGB Percent	47%, 80%, 40%
CMY	0.5255, 0.2039, 0.6039
CMYK	0.40, 0.00, 0.50, 0.20
HSL	108°, 50%, 60%
HSV	108°, 50%, 80%
XYZ	31.5901, 47.7164, 19.8571
YIQ	166.8540, -16.1300, -49.1060

Conversions

Conversions Part 2

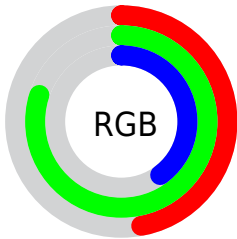
Format	Color
RYB	101, 203, 183
Decimal	7981925
CIELab	74.65, -44.37, 42.87
CIELCh	75, 61.696, 135.987
Yxy	47.7164, 0.3186, 0.4812
Android (android.graphics.Color)	4286172005 (0xFF79CB65)
YUV	166.8540, -32.4660, -40.2140
Hunter-Lab	69.0771, -39.2539, 31.3102

Details

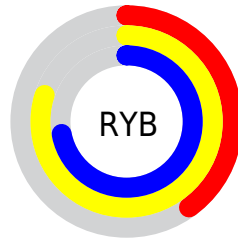
The Hex color **79CB65** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B765CB**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B1FF9A**, and **419432** is the 20% darker color. If you saturate the color by 10%, you get **69CB51**, and if you desaturate by 10%, it is **89CB79**.

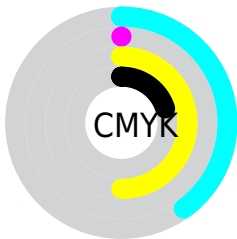
Distribution



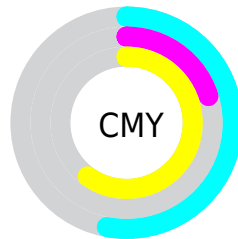
- Red (47%)
- Green (80%)
- Blue (40%)



- Red (40%)
- Yellow (80%)
- Blue (72%)



- Cyan (40%)
- Magenta (0%)
- Yellow (50%)
- Black (20%)



- Cyan (53%)
- Magenta (20%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 79CB65 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 79CB65 by changing the saturation by 10% instead.

 79CB65

 79CB65

FFFFFF

 5DAF4B

 B1FF9A

 419432

 CEFFB5

 227A18

 EBFFD1

 006000

 FFFFEE

 004800

 003100

 001900

 000000

 79CB65

 79CB65

 69CB51

 89CB79

 58CB3C

 9ACB8E

 48CB28

 AACBA2

 38CB14

 BACBB6

 28CB00

 CBCBCB

 DBCBDF

 EBCBF3

 FCCBFF

 FFCBFF

Harmonies

Analogous

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



BABE43



79CB65



00D29A

Triad

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



79CB65



00C5FF



FF869B

Complementary

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



79CB65



B765CB

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.



FF89D5



79CB65



8BB3FF

Square

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



79CB65



00D0FF



E29CFF



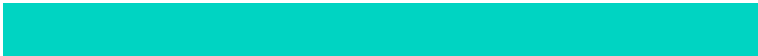
FF9568

Rectangle

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



79CB65



00D4C2



E29CFF



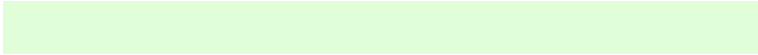
FF85AE

Sweetspot

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



79CB65



E0FFD9



CBB765



6D8069



000000



808080

Same Dimension

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



79CB65



84FF66



65CB84



5E665C



21A600



082600

Inverse Universe

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



B765CB



E166FF



CB65AC



645C66



8500A6



1F0026

Previews

White Background



This preview shows how the Hex color 79CB65 looks on a white background.

Color Contrast Check

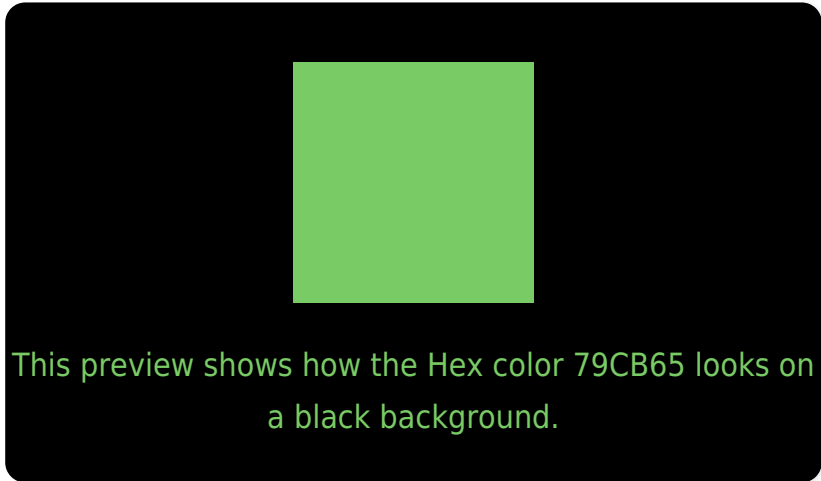
Large Text (above 18pt) WCAG AA × Fail

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 79CB65 Background



This preview shows how black text looks on a background with the Hex color 79CB65.

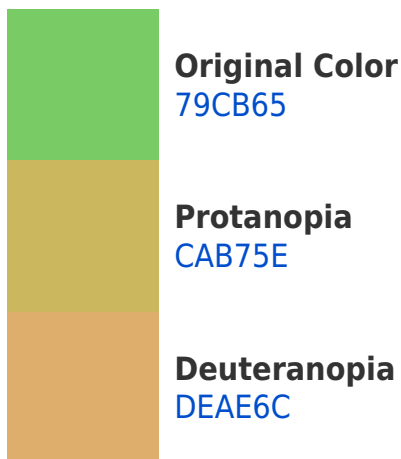


This preview shows how white text looks on a background with the Hex color 79CB65.

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
8CBFCF

Trichromacy



Original Color
79CB65



Protanomaly
ADBE61



Deuteranomaly
B9B969



Tritanomaly
85C3A8

Monochromacy



Original Color
79CB65



Achromatopsia
A7A7A7



Achromatomaly
96B48F

CSS Examples

Text

The CSS property to change the color of the text to Hex 79CB65 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 #79CB65 looks like.

```
.text, #text, p{  
    color:#79CB65  
}
```

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 #79CB65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79CB65
}
```

Border

The CSS property to change the border of an element to Hex 79CB65 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
#79CB65 }
```

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

```
.border{ border-color:#79CB65 }
```

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

Here you see how a box with a 4 pixel #79CB65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79CB65; -webkit-box-shadow:4px 4px  
4px 4px #79CB65; box-shadow:4px 4px 4px  
4px #79CB65 }
```

Background

The CSS property to change the background color of an element to Hex 79CB65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79CB65 }
```

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

```
.background{ background-color:#79CB65 }
```

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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