

# Converting Colors

Hex(79CE29)

Have a look what the booklet for  
Hex(79CE29) contains.

<b>Hex(79CE29)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(79CE29)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	79CE29
RGB	121, 206, 41
RGB Percent	47%, 81%, 16%
CMY	0.5255, 0.1922, 0.8392
CMYK	0.41, 0.00, 0.80, 0.19
HSL	91°, 67%, 48%
HSV	91°, 80%, 81%
XYZ	30.3567, 48.3677, 9.8337
YIQ	161.7750, 2.3050, -69.3350

# Conversions

## Conversions Part 2

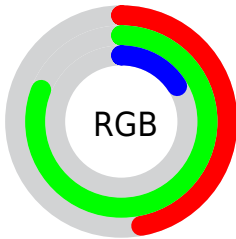
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 206, 126
Decimal	7982633
CIELab	75.06, -50.71, 67.26
CIELCh	75, 84.233, 127.012
Yxy	48.3677, 0.3428, 0.5462
Android (android.graphics.Color)	4286172713 (0xFF79CE29)
YUV	161.7750, -59.5421, -35.7597
Hunter-Lab	69.5469, -43.7930, 40.2993

# Details

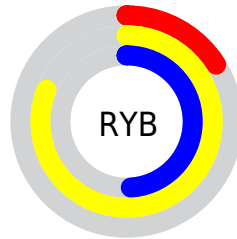
The Hex color **79CE29** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **7E29CE**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **B3FF65**, and **3D9700** is the 20% darker color. If you saturate the color by 10%, you get **6ECE14**, and if you desaturate by 10%, it is **84CE3E**.

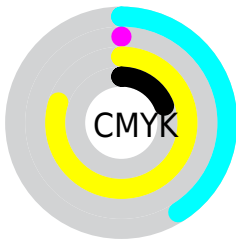
# Distribution



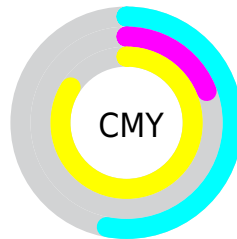
- Red (47%)
- Green (81%)
- Blue (16%)



- Red (16%)
- Yellow (81%)
- Blue (49%)



- Cyan (41%)
- Magenta (0%)
- Yellow (80%)
- Black (19%)



- Cyan (53%)
- Magenta (19%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79CE29 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 79CE29 by changing the saturation by 10% instead.



 79CE29

 79CE29

FFFFFF

 5CB200

 B3FF65

 3D9700

 D1FF81

 177C00

 EFFF9D

 006300

 FFFFBA

 004A00

 FFFFD7

 003300

 FFFFF4

 001A00

 000000

 79CE29

 79CE29

 6ECE14

 84CE3E

 64CE00

 8ECE52

 99CE67

 A3CE7B

 AECE90

 B9CEA5

 C3CEB9

 CECECE

 D9CEE2

# Harmonies

## Analogous

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



CCBB00



79CE29



00D878

# Triad

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



79CE29



00D1FF



FF65AA

# Complementary

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



79CE29



7E29CE

# 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.



FF76F7



79CE29



00BCFF

# Square

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



79CE29



00DAFF



D19BFF



FF7B5F

# Rectangle

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



79CE29



00DBAE



D19BFF



FF66C4

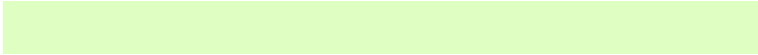


# Sweetspot

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



79CE29



DFFFC2



CE7C29



6C805B



000000



808080



# Same Dimension

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



79CE29



81FF0A



29CE29



61665C



50A600



132600



# Inverse Universe

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



7E29CE



880AFF



CE29CE



615C66



5500A6

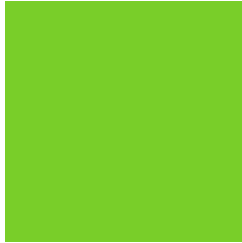


140026



# Previews

## White Background



This preview shows how the Hex color 79CE29 looks on a white background.

## Color Contrast Check

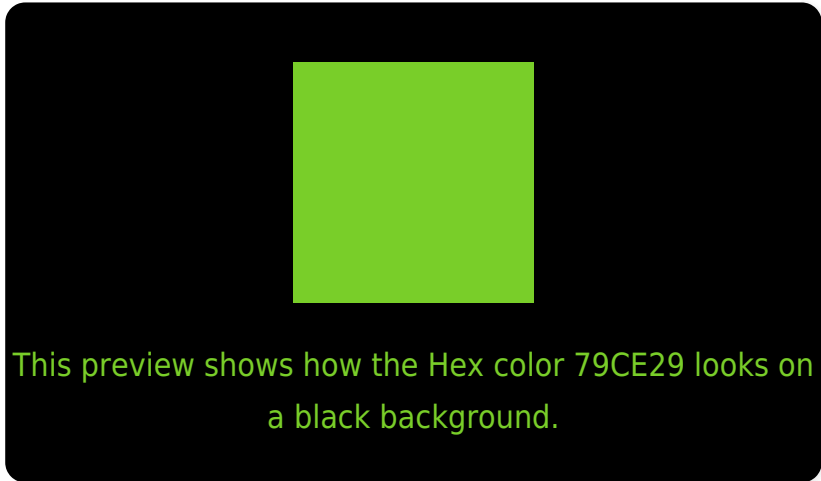
Large Text (above 18pt) WCAG AA × Fail

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 79CE29 Background



This preview shows how black text looks on a background with the Hex color 79CE29.

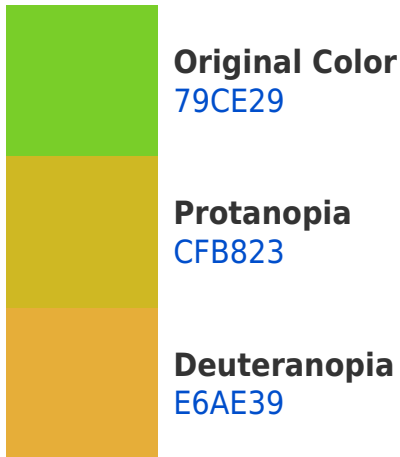


This preview shows how white text looks on a background with the Hex color 79CE29.

# 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](#).

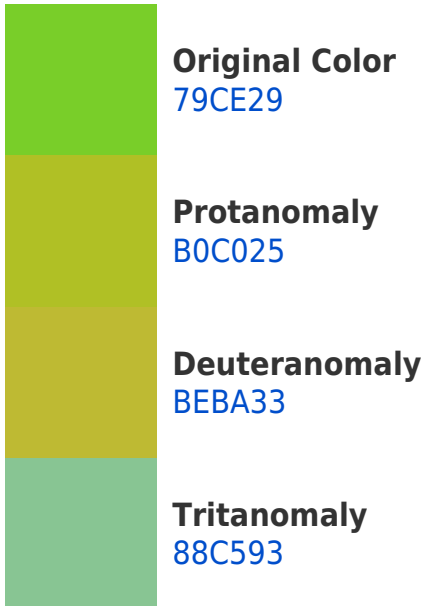
## Dichromacy



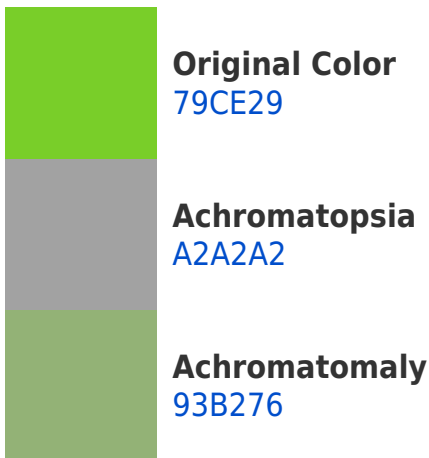


**Tritanopia**  
90C0CF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79CE29 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 #79CE29 looks like.

```
.text, #text, p{  
    color:#79CE29  
}
```

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 #79CE29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79CE29
}
```

## Border

The CSS property to change the border of an element to Hex 79CE29 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
#79CE29 }
```

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

```
.border{ border-color:#79CE29 }
```

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

Here you see how a box with a 4 pixel #79CE29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79CE29; -webkit-box-shadow:4px 4px  
4px 4px #79CE29; box-shadow:4px 4px 4px  
4px #79CE29 }
```

# Background

The CSS property to change the background color of an element to Hex 79CE29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79CE29 }
```

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

```
.background{ background-color:#79CE29 }
```

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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