

# Converting Colors

Hex(79DC45)

Have a look what the booklet for  
Hex(79DC45) contains.

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**Color**

**Hex(79DC45)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79DC45
RGB	121, 220, 69
RGB Percent	47%, 86%, 27%
CMY	0.5255, 0.1373, 0.7294
CMYK	0.45, 0.00, 0.69, 0.14
HSL	99°, 68%, 57%
HSV	99°, 69%, 86%
XYZ	34.5525, 55.6810, 14.5566
YIQ	173.1850, -10.5330, -67.9490

# Conversions

## Conversions Part 2

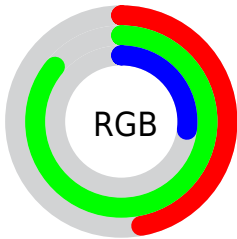
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 220, 168
Decimal	7986245
CIELab	79.43, -54.50, 62.27
CIELCh	79, 82.750, 131.190
Yxy	55.6810, 0.3297, 0.5314
Android (android.graphics.Color)	4286176325 (0xFF79DC45)
YUV	173.1850, -51.3632, -45.7662
Hunter-Lab	74.6197, -47.9304, 40.6677

# Details

The Hex color **79DC45** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **A845DC**, and the grayscale version is **AEAFAE**.

A 20% lighter version of the original color is **B4FF7D**, and **3CA400** is the 20% darker color. If you saturate the color by 10%, you get **6BDC2F**, and if you desaturate by 10%, it is **87DC5B**.

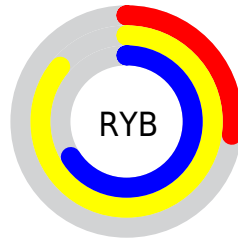
# Distribution



Red (47%)

Green (86%)

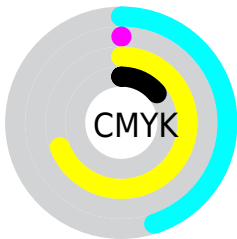
Blue (27%)



Red (27%)

Yellow (86%)

Blue (66%)

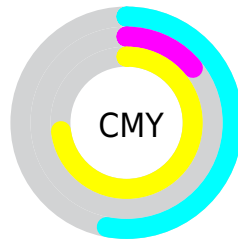


Cyan (45%)

Magenta (0%)

Yellow (69%)

Black (14%)



Cyan (53%)

Magenta (14%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79DC45 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 79DC45 by changing the saturation by 10% instead.



 79DC45

 79DC45

FFFFFF

 5BC027

 B4FF7D

 3CA400

 D1FF98

 118900

 EFFF85

 006F00

 FFFFD1

 005500

 FFFFEE

 003D00

 002600

 000000

 79DC45

 79DC45

 6BDC2F

 87DC5B

 5CDC19

 96DC71

 4EDC03

 A4DC87

 4CDC00

 B3DC9D

 C1DCB3

 D0DCC9

 DEDCDF

 ECDCF5

 FBDCFF

# Harmonies

## Analogous

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



CFCA00



79DC45



00E590

# Triad

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



79DC45



00DBFF



FF76AB

# Complementary

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



79DC45



A845DC

# 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.



FF81F8



79DC45



46C4FF

# Square

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



79DC45



00E6FF



EDA3FF



FF8E62

# Rectangle

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



79DC45



00E8C6



EDA3FF



FF76C5

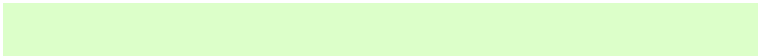


# Sweetspot

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



79DC45



DCFFC9



DCA745



6B8060



000000



808080



# Same Dimension

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



79DC45



76FF2E



45DC5C



666E63



3CAD00



102E00



# Inverse Universe

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



A845DC



B72EFF



DC45C5



6A636E



7200AD

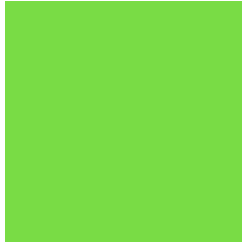


1E002E



# Previews

## White Background



This preview shows how the Hex color 79DC45 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



This preview shows how the Hex color 79DC45 looks on a 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 79DC45 Background



This preview shows how black text looks on a background with the Hex color 79DC45.

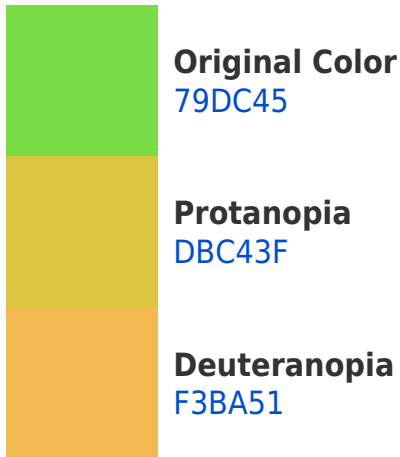


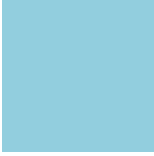
This preview shows how white text looks on a background with the Hex color 79DC45.

# 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](#).

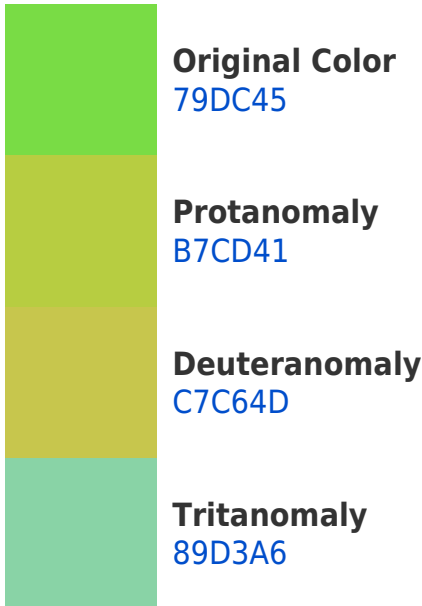
## Dichromacy



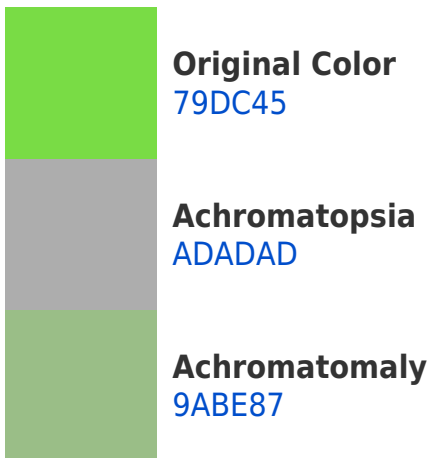


**Tritanopia**  
92CEDE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79DC45 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 #79DC45 looks like.

```
.text, #text, p{  
    color:#79DC45  
}
```

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 #79DC45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79DC45
}
```

## Border

The CSS property to change the border of an element to Hex 79DC45 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
#79DC45 }
```

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

```
.border{ border-color:#79DC45 }
```

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

Here you see how a box with a 4 pixel #79DC45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79DC45; -webkit-box-shadow:4px 4px  
4px 4px #79DC45; box-shadow:4px 4px 4px  
4px #79DC45 }
```

# Background

The CSS property to change the background color of an element to Hex 79DC45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79DC45 }
```

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

```
.background{ background-color:#79DC45 }
```

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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