

# Converting Colors

Hex(7DC75F)

Have a look what the booklet for  
Hex(7DC75F) contains.

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**Color**

**Hex(7DC75F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DC75F
RGB	125, 199, 95
RGB Percent	49%, 78%, 37%
CMY	0.5098, 0.2196, 0.6275
CMYK	0.37, 0.00, 0.52, 0.22
HSL	103°, 48%, 58%
HSV	103°, 52%, 78%
XYZ	30.9464, 46.0330, 18.0807
YIQ	165.0180, -10.7200, -48.0320

# Conversions

## Conversions Part 2

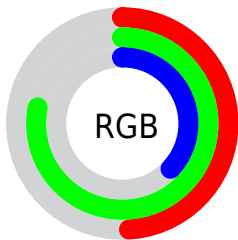
Format	Color
<a href="#">RYB</a>	<a href="#">95, 199, 169</a>
Decimal	<a href="#">8243039</a>
CIELab	<a href="#">73.57, -42.09, 44.50</a>
CIELCh	<a href="#">74, 61.249, 133.408</a>
Yxy	<a href="#">46.0330, 0.3255, 0.4843</a>
Android (android.graphics.Color)	<a href="#">4286433119 (0xFF7DC75F)</a>
YUV	<a href="#">165.0180, -34.5189, -35.0958</a>
Hunter-Lab	<a href="#">67.8477, -37.3166, 31.6932</a>

# Details

The Hex color **7DC75F** 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 **A95FC7**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B5FF94**, and **46902C** is the 20% darker color. If you saturate the color by 10%, you get **6FC74B**, and if you desaturate by 10%, it is **8BC773**.

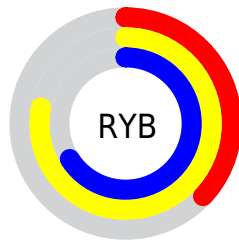
# Distribution



Red (49%)

Green (78%)

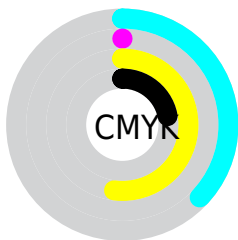
Blue (37%)



Red (37%)

Yellow (78%)

Blue (66%)

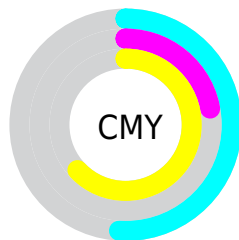


Cyan (37%)

Magenta (0%)

Yellow (52%)

Black (22%)



Cyan (51%)

Magenta (22%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7DC75F 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 7DC75F by changing the saturation by 10% instead.



 7DC75F

 7DC75F

FFFFFF

 62AB45

 B5FF94

 46902C

 D2FFAF

 29760F

 EFFFEB

 005D00

 FFFFEB

 004500

 002E00

 001500


 000000

 7DC75F

 7DC75F

 6FC74B

 8BC773

 61C737

 99C787

 53C723

 A7C79B

 44C70F

 B6C7AF

 39C700

 C4C7C3

 D2C7D6

 E0C7EA

 EEC7FE

 FCC7FF

# Harmonies

## Analogous

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



BCBA40



7DC75F



00CE93

# Triad

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



7DC75F



00C4FF



FF839E

# Complementary

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



7DC75F



A95FC7

# Split Complementary

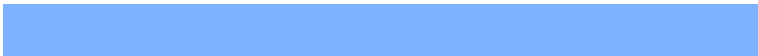
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF87D6



7DC75F



7EB2FF

# Square

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



7DC75F



00CDFE



D99BFF



FF916A

# Rectangle

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



7DC75F



00D0BA



D99BFF



FF82B1

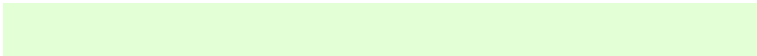


# Sweetspot

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



7DC75F



E2FFD6



C7A85F



6E8067



000000



808080



# Same Dimension

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



7DC75F



8DFF5E



5FC774



5C635A



2FA300



0A2400



# Inverse Universe

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



A95FC7



D15EFF



C75FB2



615A63



7400A3



190024



# Previews

## White Background



This preview shows how the Hex color 7DC75F looks on a white background.

## Color Contrast Check

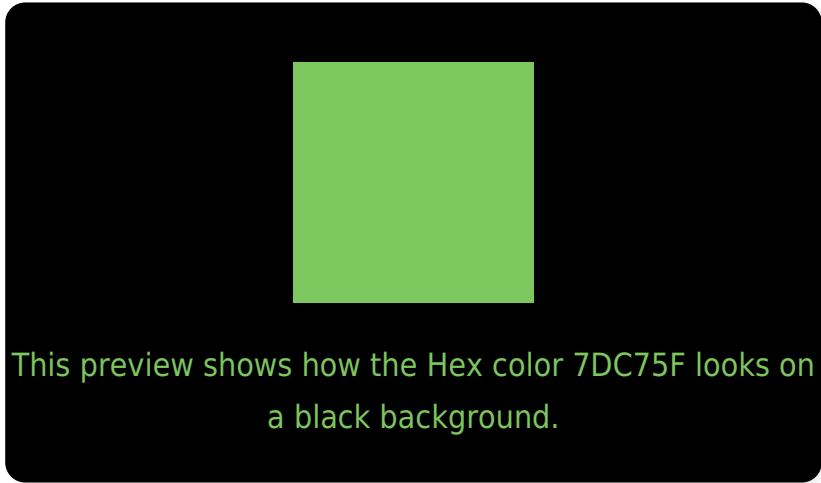
Large Text (above 18pt) WCAG AA × Fail

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 7DC75F Background



This preview shows how black text looks on a background with the Hex color 7DC75F.

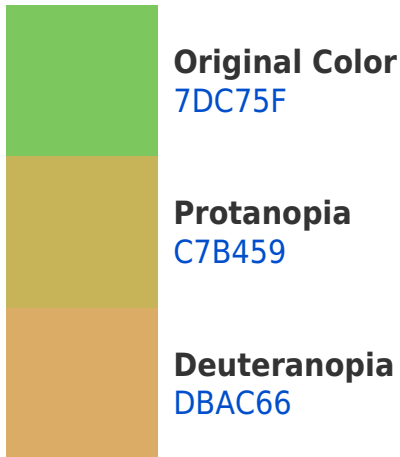


This preview shows how white text looks on a background with the Hex color 7DC75F.

# 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](#).

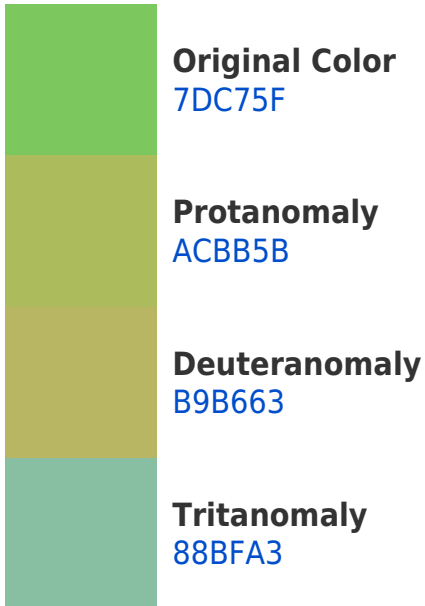
## Dichromacy



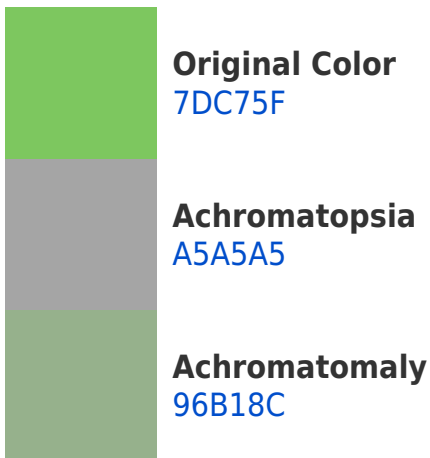


**Tritanopia**  
8FBBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7DC75F 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 #7DC75F looks like.

```
.text, #text, p{  
    color:#7DC75F  
}
```

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 #7DC75F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DC75F
}
```

## Border

The CSS property to change the border of an element to Hex 7DC75F 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
#7DC75F }
```

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

```
.border{ border-color:#7DC75F }
```

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

Here you see how a box with a 4 pixel #7DC75F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DC75F; -webkit-box-shadow:4px 4px  
4px 4px #7DC75F; box-shadow:4px 4px 4px  
4px #7DC75F }
```

# Background

The CSS property to change the background color of an element to Hex 7DC75F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DC75F }
```

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

```
.background{ background-color:#7DC75F }
```

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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