

Converting Colors

Hex(7DDF4D)

Have a look what the booklet for
Hex(7DDF4D) contains.

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Color

Hex(7DDF4D)

Conversions

Conversions Part 1

Format	Color
Hex	7DDF4D
RGB	125, 223, 77
RGB Percent	49%, 87%, 30%
CMY	0.5098, 0.1255, 0.6980
CMYK	0.44, 0.00, 0.65, 0.13
HSL	100°, 70%, 59%
HSV	100°, 65%, 87%
XYZ	36.1847, 57.6711, 16.2457
YIQ	177.0540, -11.5420, -66.1820

Conversions

Conversions Part 2

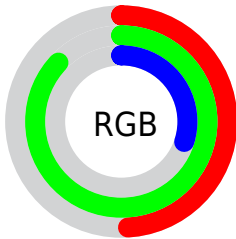
Format	Color
RYB	77, 223, 175
Decimal	8249165
CIELab	80.56, -53.81, 60.40
CIElCh	81, 80.889, 131.697
Yxy	57.6711, 0.3286, 0.5238
Android (android.graphics.Color)	4286439245 (0xFF7DDF4D)
YUV	177.0540, -49.3266, -45.6514
Hunter-Lab	75.9415, -47.8458, 40.4755

Details

The Hex color **7DDF4D** 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 **AF4DDF**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B8FF84**, and **41A70A** is the 20% darker color. If you saturate the color by 10%, you get **6EDF37**, and if you desaturate by 10%, it is **8CDF63**.

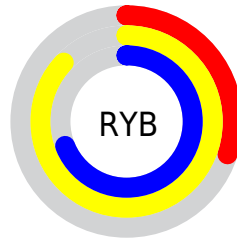
Distribution



Red (49%)

Green (87%)

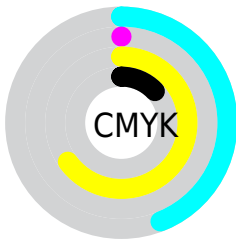
Blue (30%)



Red (30%)

Yellow (87%)

Blue (69%)

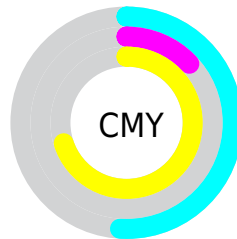


Cyan (44%)

Magenta (0%)

Yellow (65%)

Black (13%)



Cyan (51%)

Magenta (13%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7DDF4D 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 7DDF4D by changing the saturation by 10% instead.

 7DDF4D

 7DDF4D

FFFFFF

 60C330

 B8FF84

 41A70A

 D5FFA0

 1B8C00

 F3FFBC

 007200

 FFFFD9

 005800

 FFFFF6

 003F00

 002900

 000400

 000000

 7DDF4D

 7DDF4D

 6EDF37

 8CDF63

 5FDF20

 9BDF7A

 50DF0A

 AADF90

 49DF00

 B9DFA6

 C8DFBD

 D7DFD3

 E6DFE9

 F5DFFF

 FFDFFF

Harmonies

Analogous

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



D2CE10



7DDF4D



00E896

Triad

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



7DDF4D



00DDFF



FF7DAD

Complementary

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



7DDF4D



AF4DDF

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.



FF86F9



7DDF4D



5AC7FF

Square

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



7DDF4D



00E8FF



F1A6FF



FF9366

Rectangle

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



7DDF4D



00EBCA



F1A6FF



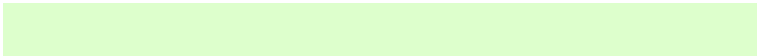
FF7CC7

Sweetspot

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



7DDF4D



DFFFC



DFAE4D



6B8061



000000



808080

Same Dimension

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



7DDF4D



78FF36



4DDF65



697065



3AB000



103000

Inverse Universe

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



AF4DDF



BD36FF



DF4DC7



6D6570



7600B0



210030

Previews

White Background



This preview shows how the Hex color 7DDF4D looks on a white background.

Color Contrast Check

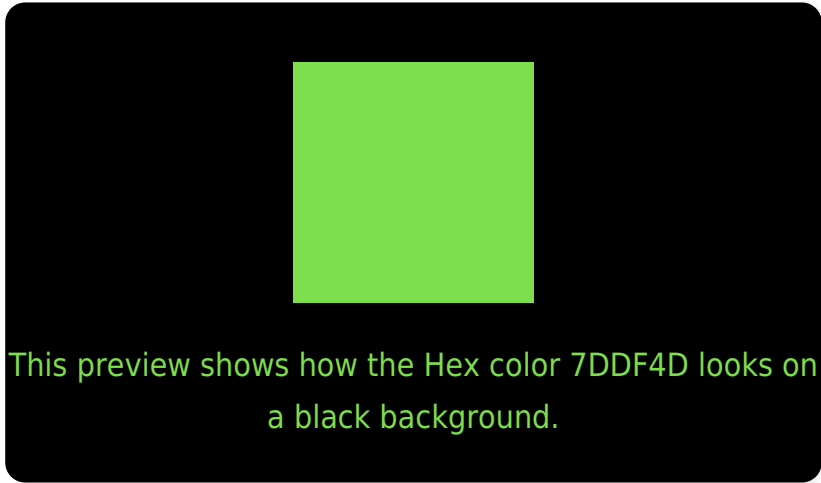
Large Text (above 18pt) WCAG AA × Fail

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 7DDF4D Background



This preview shows how black text looks on a background with the Hex color 7DDF4D.

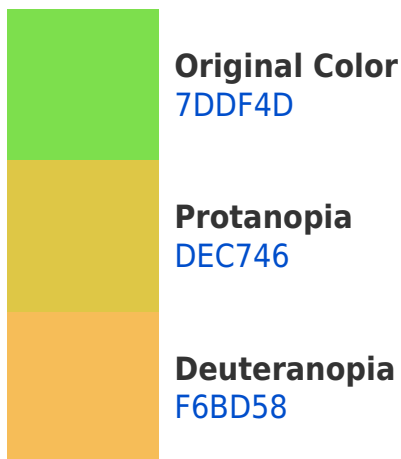


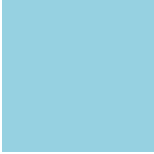
This preview shows how white text looks on a background with the Hex color 7DDF4D.

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
96D1E1

Trichromacy



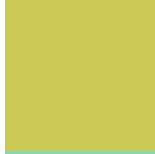
Original Color

7DDF4D



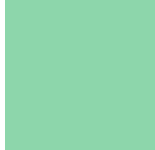
Protanomaly

BBD049



Deuteranomaly

CAC954



Tritanomaly

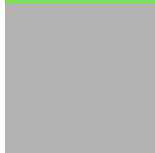
8DD6AB

Monochromacy



Original Color

7DDF4D



Achromatopsia

B1B1B1



Achromatomaly

9EC28D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7DDF4D 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 #7DDF4D looks like.

```
.text, #text, p{  
    color:#7DDF4D  
}
```

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 #7DDF4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DDF4D
}
```

Border

The CSS property to change the border of an element to Hex 7DDF4D 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
#7DDF4D }
```

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

```
.border{ border-color:#7DDF4D }
```

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

Here you see how a box with a 4 pixel #7DDF4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DDF4D; -webkit-box-shadow:4px 4px  
4px 4px #7DDF4D; box-shadow:4px 4px 4px  
4px #7DDF4D }
```

Background

The CSS property to change the background color of an element to Hex 7DDF4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DDF4D }
```

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

```
.background{ background-color:#7DDF4D }
```

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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