

Converting Colors

Hex(7FD465)

Have a look what the booklet for
Hex(7FD465) contains.

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Color

Hex(7FD465)

Conversions

Conversions Part 1

Format	Color
Hex	7FD465
RGB	127, 212, 101
RGB Percent	50%, 83%, 40%
CMY	0.5020, 0.1686, 0.6039
CMYK	0.40, 0.00, 0.52, 0.17
HSL	106°, 56%, 61%
HSV	106°, 52%, 83%
XYZ	34.6448, 52.5386, 20.6269
YIQ	173.9310, -15.0290, -52.5410

Conversions

Conversions Part 2

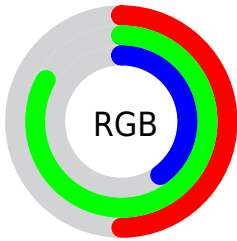
Format	Color
RYB	101, 212, 186
Decimal	8377445
CIELab	77.60, -46.29, 46.52
CIELCh	78, 65.625, 134.860
Yxy	52.5386, 0.3213, 0.4873
Android (android.graphics.Color)	4286567525 (0xFF7FD465)
YUV	173.9310, -35.9550, -41.1585
Hunter-Lab	72.4835, -41.5287, 33.8661

Details

The Hex color **7FD465** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BA65D4**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **B8FF9A**, and **479D31** is the 20% darker color. If you saturate the color by 10%, you get **6FD450**, and if you desaturate by 10%, it is **8FD47A**.

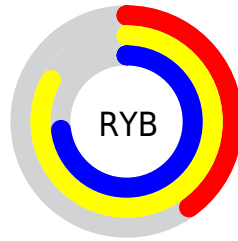
Distribution



Red (50%)

Green (83%)

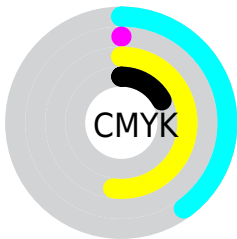
Blue (40%)



Red (40%)

Yellow (83%)

Blue (73%)

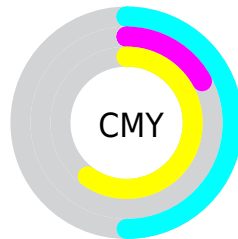


Cyan (40%)

Magenta (0%)

Yellow (52%)

Black (17%)



Cyan (50%)

Magenta (17%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FD465 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 7FD465 by changing the saturation by 10% instead.

 7FD465

 7FD465

FFFFFF

 63B84B


 B8FF9A

 479D31

 D5FFB6

 288215

 F2FFD2

 006800

 FFFFEF

 004F00

 003700

 002200

 000000

 7FD465

 7FD465

 6FD450

 8FD47A

 5FD43B

 9FD48F

 4ED425

 B0D4A5

 3ED410

 C0D4BA

 32D400

 D0D4CF

 E0D4E4

 F1D4F9

 FFD4FF

Harmonies

Analogous

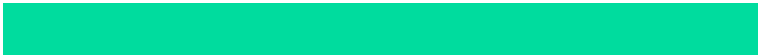
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C4C641



7FD465



00DC9E

Triad

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



7FD465



00CFFF



FF8AA4

Complementary

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



7FD465



BA65D4

Split Complementary

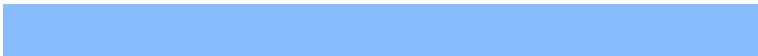
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF8DE1



7FD465



89BCFF

Square

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



7FD465



00DAFF



EAA3FF



FF9A6C

Rectangle

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



7FD465



00DEC8



EAA3FF



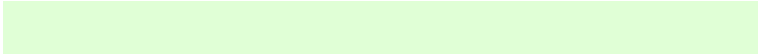
FF88B8

Sweetspot

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



7FD465



E0FFD6



D4B865



6D8067



000000



808080

Same Dimension

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



7FD465



84FF5E



65D481



636B60



28AB00



0A2B00

Inverse Universe

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



BA65D4



D95EFF



D465B8



69606B



8300AB



21002B

Previews

White Background



This preview shows how the Hex color 7FD465 looks on a white background.

Color Contrast Check

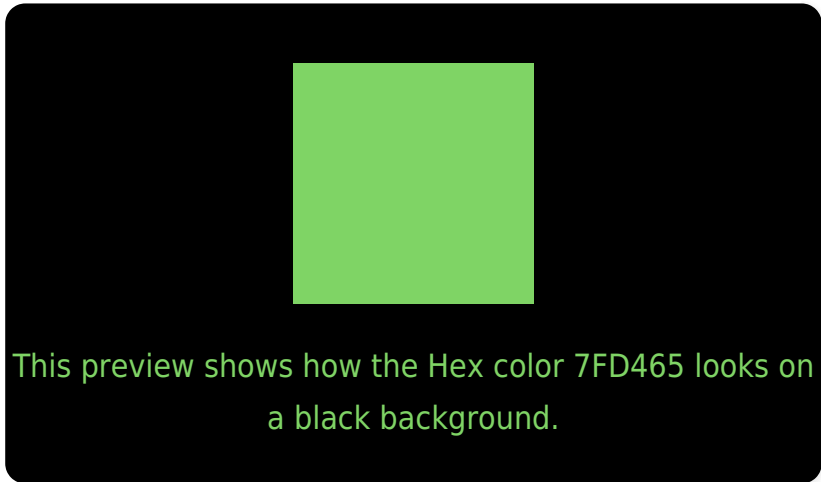
Large Text (above 18pt) WCAG AA × Fail

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 7FD465 Background



This preview shows how black text looks on a background with the Hex color 7FD465.

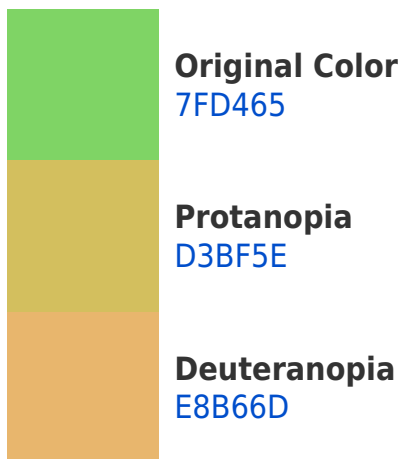


This preview shows how white text looks on a background with the Hex color 7FD465.

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](#).

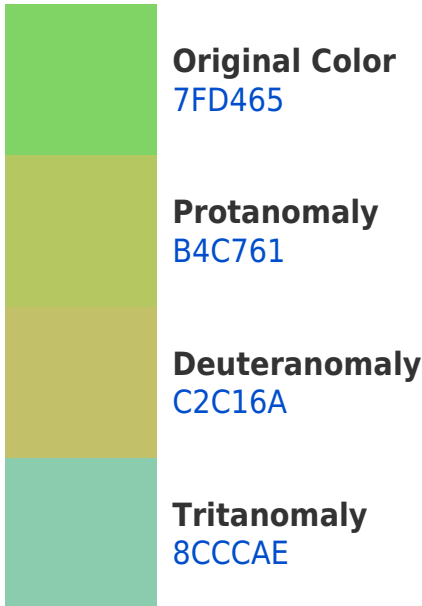
Dichromacy



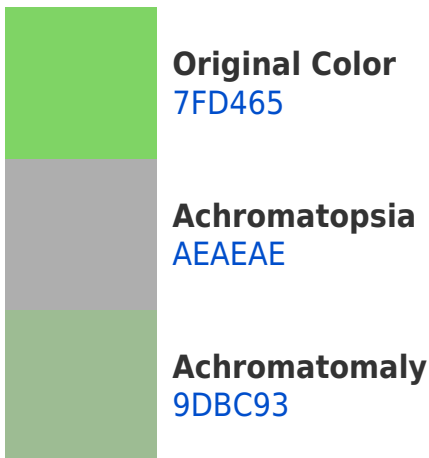


Tritanopia
93C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FD465 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 #7FD465 looks like.

```
.text, #text, p{  
    color:#7FD465  
}
```

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 #7FD465 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FD465  
}
```

Border

The CSS property to change the border of an element to Hex 7FD465 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  
#7FD465 }
```

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

```
.border{ border-color:#7FD465 }
```

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

Here you see how a box with a 4 pixel #7FD465 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FD465; -webkit-box-shadow:4px 4px  
4px 4px #7FD465; box-shadow:4px 4px 4px  
4px #7FD465 }
```

Background

The CSS property to change the background color of an element to Hex 7FD465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FD465 }
```

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

```
.background{ background-color:#7FD465 }
```

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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