

Converting Colors

Hex(7FDC85)

Have a look what the booklet for
Hex(7FDC85) contains.

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Color

Hex(7FDC85)

Conversions

Conversions Part 1

Format	Color
Hex	7FDC85
RGB	127, 220, 133
RGB Percent	50%, 86%, 52%
CMY	0.5020, 0.1373, 0.4784
CMYK	0.42, 0.00, 0.40, 0.14
HSL	124°, 57%, 68%
HSV	124°, 42%, 86%
XYZ	38.5792, 57.3919, 31.2347
YIQ	182.2750, -27.5010, -46.7730

Conversions

Conversions Part 2

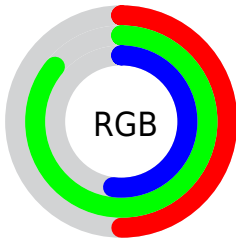
Format	Color
RYB	127, 214, 220
Decimal	8379525
CIELab	80.40, -45.31, 34.30
CIELCh	80, 56.831, 142.872
Yxy	57.3919, 0.3033, 0.4512
Android (android.graphics.Color)	4286569605 (0xFF7FDC85)
YUV	182.2750, -24.2926, -48.4762
Hunter-Lab	75.7574, -41.6749, 28.5850

Details

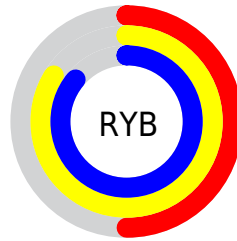
The Hex color **7FDC85** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **DC7FD6**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **B8FFBB**, and **47A452** is the 20% darker color. If you saturate the color by 10%, you get **69DC70**, and if you desaturate by 10%, it is **95DC9A**.

Distribution



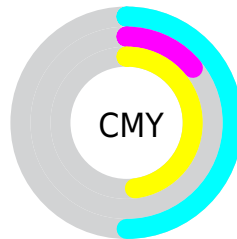
- Red (50%)
- Green (86%)
- Blue (52%)



- Red (50%)
- Yellow (84%)
- Blue (86%)



- Cyan (42%)
- Magenta (0%)
- Yellow (40%)
- Black (14%)



- Cyan (50%)
- Magenta (14%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FDC85 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 7FDC85 by changing the saturation by 10% instead.

 7FDC85

 7FDC85

FFFFFF

 63C06B

 B8FFBB

 47A452

 D5FFD7

 28893A

 F2FFF4

 006F22

 005607

 003E00

 002900

 000300

 000000

 7FDC85

 7FDC85

 69DC70

 95DC9A

 53DC5C

 ABDCAE

 3DDC47

 C1DCC3

 27DC33

 D7DCD7

 11DC1E

 EDDCEC

 00DC0E

 FFDCFF

Harmonies

Analogous

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



BFD162



7FDC85



00E2B9

Triad

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



7FDC85



3ED1FF



FF9DA1

Complementary

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



7FDC85



DC7FD6

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.



FF9CD6



7FDC85



B7BFFF

Square

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



7FDC85



00DDFF



FDAAFF



FFAD74

Rectangle

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



7FDC85



00E3DD



FDAAFF



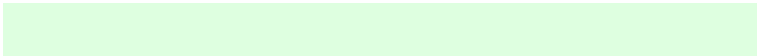
FF9BB2

Sweetspot

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



7FDC85



DEFFE0



D7DC7F



6B806C



000000



808080

Same Dimension

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



7FDC85



7DFF85



7FDCB2



636E63



00AD0B



002E03

Inverse Universe

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



DC7FD6



FF7DF7



DC7FA9



6E636D



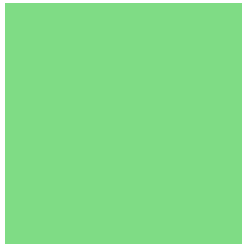
AD00A2



2E002B

Previews

White Background



This preview shows how the Hex color 7FDC85 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 7FDC85 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

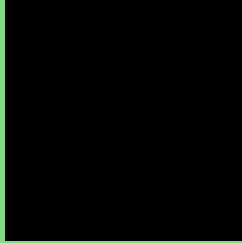
Any Text WCAG AA ✓ Pass

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 7FDC85 Background



This preview shows how black text looks on a background with the Hex color 7FDC85.

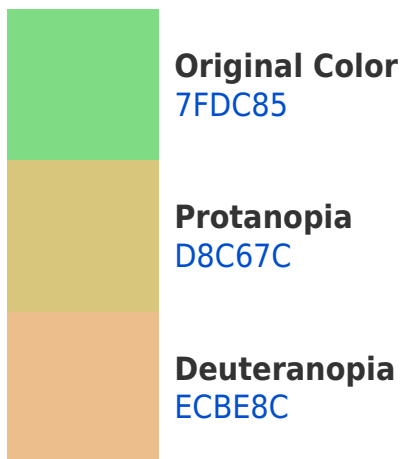


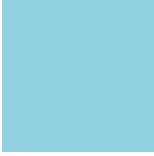
This preview shows how white text looks on a background with the Hex color 7FDC85.

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](#).

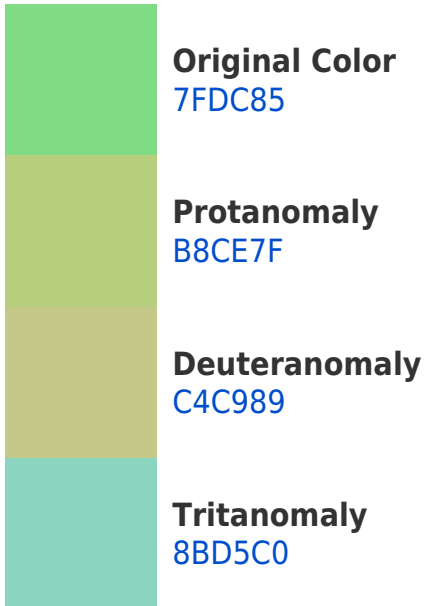
Dichromacy



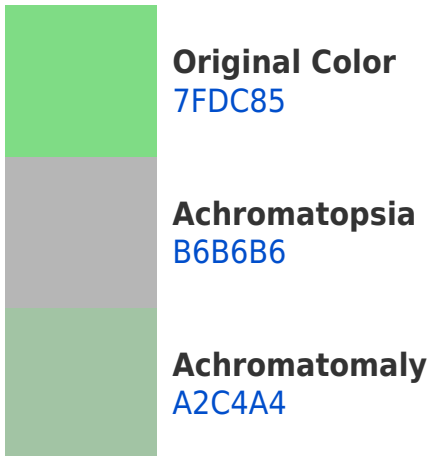


Tritanopia
92D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FDC85 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 #7FDC85 looks like.

```
.text, #text, p{  
    color:#7FDC85  
}
```

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 #7FDC85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FDC85
}
```

Border

The CSS property to change the border of an element to Hex 7FDC85 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
#7FDC85 }
```

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

```
.border{ border-color:#7FDC85 }
```

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

Here you see how a box with a 4 pixel #7FDC85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FDC85; -webkit-box-shadow:4px 4px  
4px 4px #7FDC85; box-shadow:4px 4px 4px  
4px #7FDC85 }
```

Background

The CSS property to change the background color of an element to Hex 7FDC85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FDC85 }
```

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

```
.background{ background-color:#7FDC85 }
```

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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