

# Converting Colors

Hex(7FD483)

Have a look what the booklet for  
Hex(7FD483) contains.

|  |    |
|--|----|
| <b>Hex(7FD483)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(7FD483)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 7FD483                       |
| RGB         | 127, 212, 131                |
| RGB Percent | 50%, 83%, 51%                |
| CMY         | 0.5020, 0.1686, 0.4863       |
| CMYK        | 0.40, 0.00, 0.38, 0.17       |
| HSL         | 123°, 50%, 66%               |
| HSV         | 123°, 40%, 83%               |
| XYZ         | 36.3926, 53.2377, 29.8305    |
| YIQ         | 177.3510, -24.6590, -43.2110 |

# Conversions

## Conversions Part 2

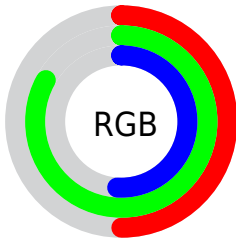
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">127, 208, 212</a>                    |
| Decimal                             | <a href="#">8377475</a>                          |
| CIELab                              | <a href="#">78.02, -42.16, 32.20</a>             |
| CIElCh                              | <a href="#">78, 53.052, 142.633</a>              |
| Yxy                                 | <a href="#">53.2377, 0.3046,<br/>0.4456</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4286567555<br/>(0xFF7FD483)</a>      |
| YUV                                 | <a href="#">177.3510, -22.8510,<br/>-44.1578</a> |
| Hunter-Lab                          | <a href="#">72.9642, -38.6562,<br/>26.8349</a>   |

# Details

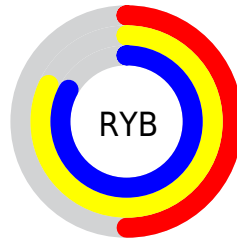
The Hex color **7FD483** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D47FD0**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B7FFB9**, and **489D50** is the 20% darker color. If you saturate the color by 10%, you get **6AD46F**, and if you desaturate by 10%, it is **94D497**.

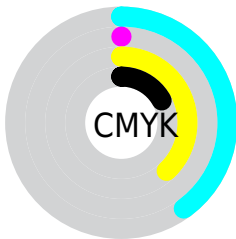
# Distribution



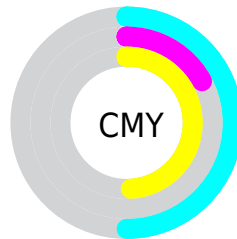
- Red (50%)
- Green (83%)
- Blue (51%)



- Red (50%)
- Yellow (82%)
- Blue (83%)



- Cyan (40%)
- Magenta (0%)
- Yellow (38%)
- Black (17%)



- Cyan (50%)
- Magenta (17%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FD483 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 7FD483 by changing the saturation by 10% instead.



 7FD483

 7FD483

FFFFFF

 64B869

 B7FFB9

 489D50

 D4FFD5

 2B8238

 F1FFF1

 016821

 005007

 003800

 002300

 000000

 7FD483

 7FD483

 6AD46F

 94D497

 55D45B

 A9D4AB

 3FD446

 BFD4C0

 2AD432

 D4D4D4

 15D41E

 E9D4E8

 00D40A

 FED4FC

 FFD4FF

# Harmonies

## Analogous

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



B9C963



7FD483



16D9B3

# Triad

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



7FD483



4ACAFF



FF9A9E

# Complementary

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



7FD483



D47FD0

# 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.



FF99CF



7FD483



B2B9FF

# Square

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



7FD483



00D5FF



F2A6FD



FFA874

# Rectangle

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



7FD483



00DAD5



F2A6FD



FF98AE

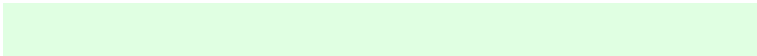


# Sweetspot

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



7FD483



E0FFE2



D1D47F



6E806E



000000



808080



# Same Dimension

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



7FD483



85FF8A



7FD4AC



606B61



00AB08



002B02



# Inverse Universe

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



D47FD0



FF85F9



D47FA7



6B606B



AB00A3



2B0029



# Previews

## White Background



This preview shows how the Hex color 7FD483 looks on a white background.

## Color Contrast Check

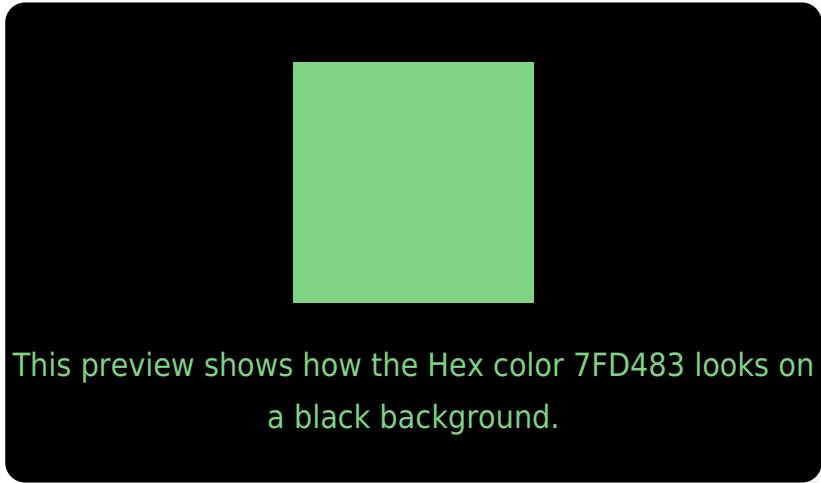
Large Text (above 18pt) WCAG AA × Fail

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

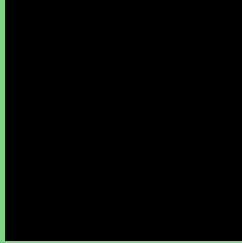
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7FD483 Background



This preview shows how black text looks on a background with the Hex color 7FD483.

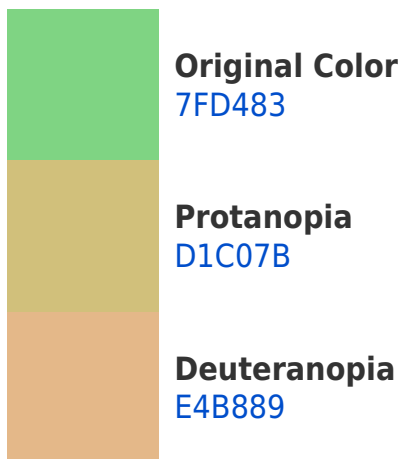


This preview shows how white text looks on a background with the Hex color 7FD483.

# 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





# Trichromacy



**Original Color**  
7FD483



**Protanomaly**  
B3C77E



**Deuteranomaly**  
BFC287

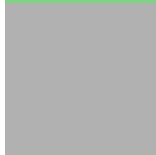


**Tritanomaly**  
8ACEBA

# Monochromacy



**Original Color**  
7FD483



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
9FBEA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FD483 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 #7FD483 looks like.

```
.text, #text, p{  
    color:#7FD483  
}
```

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 #7FD483 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FD483
}
```

## Border

The CSS property to change the border of an element to Hex 7FD483 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
#7FD483 }
```

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

```
.border{ border-color:#7FD483 }
```

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

Here you see how a box with a 4 pixel #7FD483 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FD483; -webkit-box-shadow:4px 4px  
4px 4px #7FD483; box-shadow:4px 4px 4px  
4px #7FD483 }
```

# Background

The CSS property to change the background color of an element to Hex 7FD483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FD483 }
```

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

```
.background{ background-color:#7FD483 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor