

# Converting Colors

Hex(7FD487)

Have a look what the booklet for  
Hex(7FD487) contains.

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# **Color**

**Hex(7FD487)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FD487
RGB	127, 212, 135
RGB Percent	50%, 83%, 53%
CMY	0.5020, 0.1686, 0.4706
CMYK	0.40, 0.00, 0.36, 0.17
HSL	126°, 50%, 66%
HSV	126°, 40%, 83%
XYZ	36.6691, 53.3483, 31.2863
YIQ	177.8070, -25.9430, -41.9670

# Conversions

## Conversions Part 2

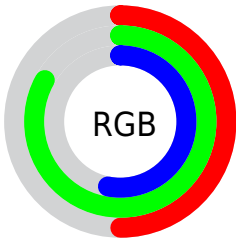
Format	Color
<a href="#">RYB</a>	<a href="#">127, 205, 212</a>
Decimal	<a href="#">8377479</a>
CIELab	<a href="#">78.08, -41.53, 30.23</a>
CIELCh	<a href="#">78, 51.366, 143.946</a>
Yxy	<a href="#">53.3483, 0.3023, 0.4398</a>
Android (android.graphics.Color)	<a href="#">4286567559 (0xFF7FD487)</a>
YUV	<a href="#">177.8070, -21.1039, -44.5577</a>
Hunter-Lab	<a href="#">73.0399, -38.2054, 25.7314</a>

# Details

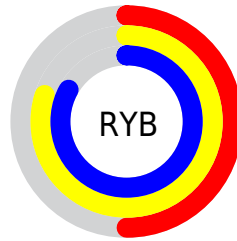
The Hex color **7FD487** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D47FCC**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **B7FFBD**, and **489D54** is the 20% darker color. If you saturate the color by 10%, you get **6AD474**, and if you desaturate by 10%, it is **94D49A**.

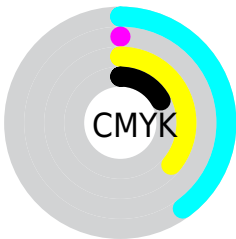
# Distribution



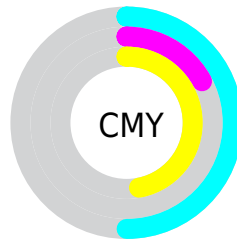
- Red (50%)
- Green (83%)
- Blue (53%)



- Red (50%)
- Yellow (80%)
- Blue (83%)



- Cyan (40%)
- Magenta (0%)
- Yellow (36%)
- Black (17%)



- Cyan (50%)
- Magenta (17%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7FD487 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 7FD487 by changing the saturation by 10% instead.



 7FD487

 7FD487

FFFFFF

 64B86D

 B7FFBD

 489D54

 D4FFD9

 2B823C

 F1FFF6

 026825

 00500D

 003800

 002300

 000000

 7FD487

 7FD487

 6AD474

 94D49A

 55D461

 A9D4AD

 3FD44D

 BFD4C1

 2AD43A

 D4D4D4

 15D427

 E9D4E7

 00D414

 FED4FA

 FFD4FF

# Harmonies

## Analogous

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



B8CA67



7FD487



21D9B5

# Triad

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



7FD487



59C9FF



FF9C9D

# Complementary

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



7FD487



D47FCC

# 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.



FF9BCD



7FD487



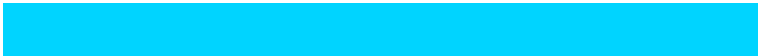
B6B8FF

# Square

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



7FD487



00D4FF



F3A6FA



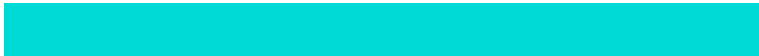
FFAA75

# Rectangle

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



7FD487



00DAD6



F3A6FA



FF9AAC

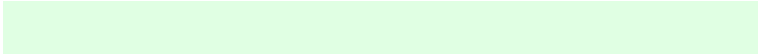


# Sweetspot

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



7FD487



E0FFE3



CDD47F



6E806F



000000



808080



# Same Dimension

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



7FD487



85FF90



7FD4B1



606B61



00AB10



002B04



# Inverse Universe

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



D47FCC



FF85F3



D47FA2



6B606A



AB009B

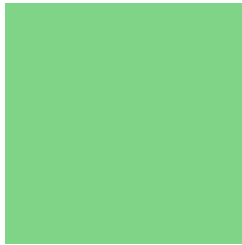


2B0027



# Previews

## White Background



This preview shows how the Hex color 7FD487 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 7FD487 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

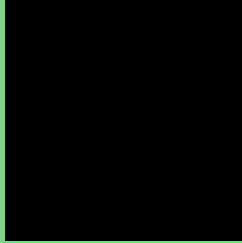
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 7FD487 Background



This preview shows how black text looks on a background with the Hex color 7FD487.

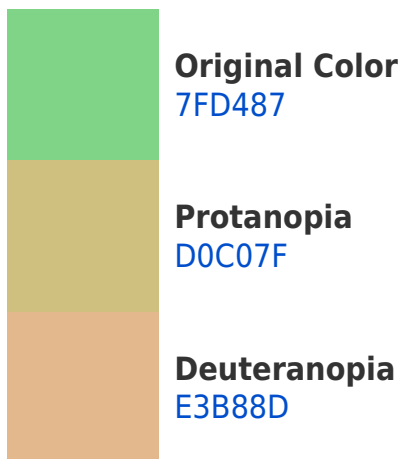


This preview shows how white text looks on a background with the Hex color 7FD487.

# 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](#).

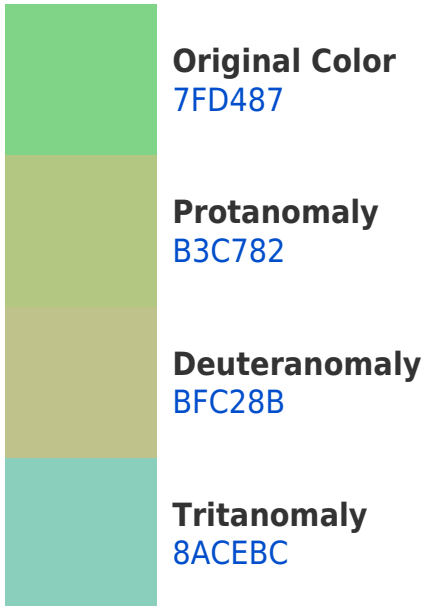
## Dichromacy



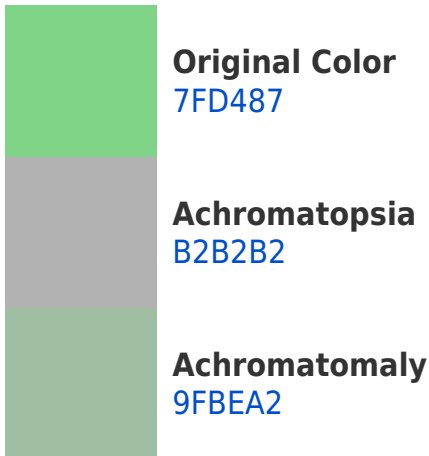


**Tritanopia**  
90CADA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7FD487 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 #7FD487 looks like.

```
.text, #text, p{  
    color:#7FD487  
}
```

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 #7FD487 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FD487
}
```

## Border

The CSS property to change the border of an element to Hex 7FD487 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
#7FD487 }
```

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

```
.border{ border-color:#7FD487 }
```

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

Here you see how a box with a 4 pixel #7FD487 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FD487; -webkit-box-shadow:4px 4px  
4px 4px #7FD487; box-shadow:4px 4px 4px  
4px #7FD487 }
```

# Background

The CSS property to change the background color of an element to Hex 7FD487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FD487 }
```

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

```
.background{ background-color:#7FD487 }
```

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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