

# Converting Colors

Hex(1FE48F)

Have a look what the booklet for  
Hex(1FE48F) contains.

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# Color

Hex(1FE48F)

# Conversions

## Conversions Part 1

Format	Color
Hex	1FE48F
RGB	31, 228, 143
RGB Percent	12%, 89%, 56%
CMY	0.8784, 0.1059, 0.4392
CMYK	0.86, 0.00, 0.37, 0.11
HSL	154°, 78%, 51%
HSV	154°, 86%, 89%
XYZ	33.2664, 57.7613, 35.3823
YIQ	159.4070, -90.1270, -68.1990

# Conversions

## Conversions Part 2

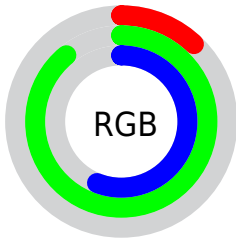
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 157, 228
Decimal	2090127
CIE <sub>Lab</sub>	80.61, -64.04, 29.06
CIE <sub>LCh</sub>	81, 70.325, 155.592
Yxy	57.7613, 0.2632, 0.4569
Android (android.graphics.Color)	4280280207 (0xFF1FE48F)
YUV	159.4070, -8.0887, -112.6129
Hunter-Lab	76.0008, -54.8701, 25.5980

# Details

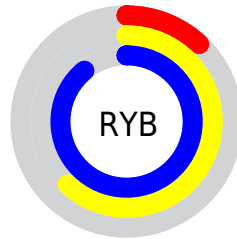
The Hex color **1FE48F** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **E41F74**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **73FFC5**, and **00AB5C** is the 20% darker color. If you saturate the color by 10%, you get **08E485**, and if you desaturate by 10%, it is **36E499**.

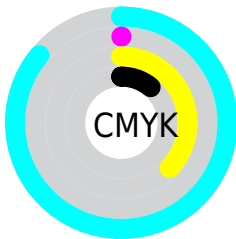
# Distribution



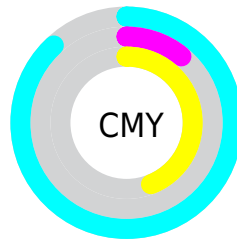
- Red (12%)
- Green (89%)
- Blue (56%)



- Red (12%)
- Yellow (62%)
- Blue (89%)



- Cyan (86%)
- Magenta (0%)
- Yellow (37%)
- Black (11%)



- Cyan (88%)
- Magenta (11%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1FE48F 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 1FE48F by changing the saturation by 10% instead.



 1FE48F

FFFFFF

 73FFC5

 94FFE2

 B3FFFE

 D3FFFF

 F2FFFF

 1FE48F

 00C775

 00AB5C

 009043

 00752C

 005B15

 004100

 002900

 000400

 000000

 1FE48F

 1FE48F

 08E485

 36E499

 00E482

 4DE4A3

 63E4AD

 7AE4B6

 91E4C0

 A8E4CA

 BFE4D4

 D5E4DE

 ECE4E8

# Harmonies

## Analogous

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



9BDA56



1FE48F



00E8D3

# Triad

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



1FE48F



51CBFF



FF987F

# Complementary

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



1FE48F



E41F74

# 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.



FF8BBE



1FE48F



DBB1FF

# Square

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



1FE48F



00DDFF



FF97FF



FFB14D

# Rectangle

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



1FE48F



00E7FF



FF97FF



FF9193

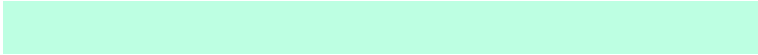


# Sweetspot

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



1FE48F



BDFFE2



74E41F



58806E



000000



808080



# Same Dimension

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



1FE48F



00FF91



1FD7E4



67736E



00B365



00331D



# Inverse Universe

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



E41F74



FF006E



E42C1F



73676C



B3004D

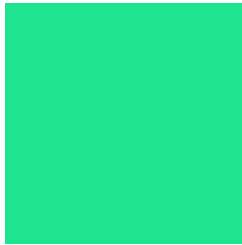


330016



# Previews

## White Background



This preview shows how the Hex color 1FE48F 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 1FE48F looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

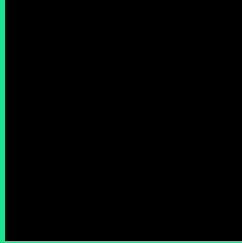
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 1FE48F Background



This preview shows how black text looks on a background with the Hex color 1FE48F.

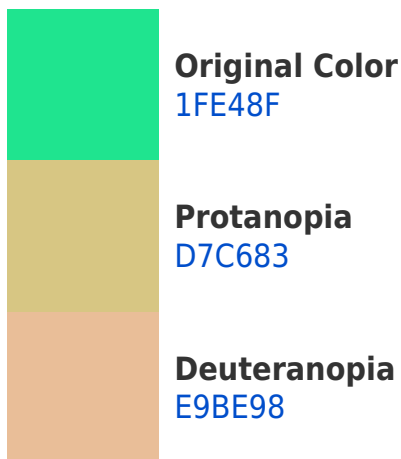


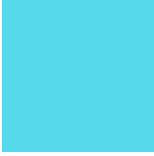
This preview shows how white text looks on a background with the Hex color 1FE48F.

# 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**  
56D9EB

# Trichromacy



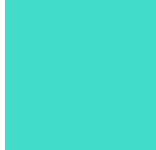
**Original Color**  
1FE48F



**Protanomaly**  
94D187



**Deuteranomaly**  
A0CC95

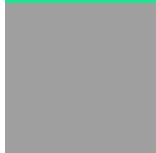


**Tritanomaly**  
42DDCA

# Monochromacy



**Original Color**  
1FE48F



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
70B899

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1FE48F 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 #1FE48F looks like.

```
.text, #text, p{  
    color:#1FE48F  
}
```

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 #1FE48F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FE48F
}
```

## Border

The CSS property to change the border of an element to Hex 1FE48F 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
#1FE48F }
```

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

```
.border{ border-color:#1FE48F }
```

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

Here you see how a box with a 4 pixel #1FE48F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FE48F; -webkit-box-shadow:4px 4px  
4px 4px #1FE48F; box-shadow:4px 4px 4px  
4px #1FE48F }
```

# Background

The CSS property to change the background color of an element to Hex 1FE48F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FE48F }
```

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

```
.background{ background-color:#1FE48F }
```

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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