

Converting Colors

Hex(7FE189)

Have a look what the booklet for
Hex(7FE189) contains.

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Color

Hex(7FE189)

Conversions

Conversions Part 1

Format	Color
Hex	7FE189
RGB	127, 225, 137
RGB Percent	50%, 88%, 54%
CMY	0.5020, 0.1176, 0.4627
CMYK	0.44, 0.00, 0.39, 0.12
HSL	126°, 62%, 69%
HSV	126°, 44%, 88%
XYZ	40.1930, 60.1686, 33.1622
YIQ	185.6660, -30.1600, -48.1440

Conversions

Conversions Part 2

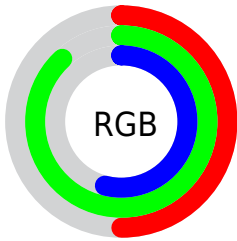
Format	Color
RYB	127, 216, 225
Decimal	8380809
CIELab	81.93, -46.82, 34.28
CIElCh	82, 58.025, 143.785
Yxy	60.1686, 0.3010, 0.4506
Android (android.graphics.Color)	4286570889 (0xFF7FE189)
YUV	185.6660, -23.9923, -51.4501
Hunter-Lab	77.5684, -43.2529, 28.9501

Details

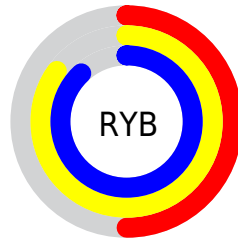
The Hex color **7FE189** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **E17FD7**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **B8FFBF**, and **46A956** is the 20% darker color. If you saturate the color by 10%, you get **69E175**, and if you desaturate by 10%, it is **96E19D**.

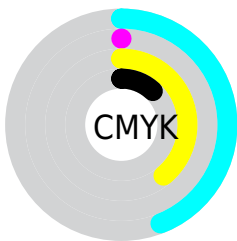
Distribution



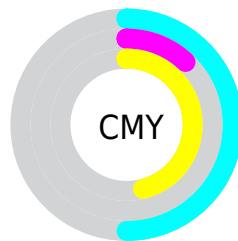
- Red (50%)
- Green (88%)
- Blue (54%)



- Red (50%)
- Yellow (85%)
- Blue (88%)



- Cyan (44%)
- Magenta (0%)
- Yellow (39%)
- Black (12%)



- Cyan (50%)
- Magenta (12%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FE189 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 7FE189 by changing the saturation by 10% instead.

 7FE189

 7FE189

FFFFFF

 63C56F

 B8FFBF

 46A956

 D5FFDB

 268E3D

 F3FFF8

 007425

 005A0C

 004200

 002C00

 000D00

 000000

 7FE189

 7FE189

 69E175

 96E19D

 52E161

 ACE1B1

 3CE14C

 C3E1C6

 25E138

 D9E1DA

 0FE124

 F0E1EE

 00E117

 FFE1FF

Harmonies

Analogous

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



C1D664



7FE189



00E7BE

Triad

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



7FE189



44D5FF



FFA1A3

Complementary

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



7FE189



E17FD7

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.



FF9FD9



7FE189



BEC2FF

Square

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



7FE189



00E1FF



FFADFF



FFB175

Rectangle

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



7FE189



00E7E4



FFADFF



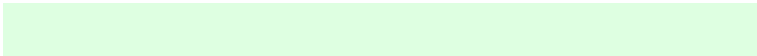
FF9EB5

Sweetspot

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



7FE189



DEFFE1



D7E17F



6B806D



000000



808080

Same Dimension

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



7FE189



7AFF88



7FE1BA



657066



00B012



003005

Inverse Universe

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



E17FD7



FF7AF1



E17FA6



70656F



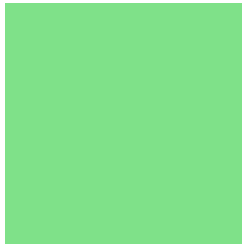
B0009E



30002C

Previews

White Background



This preview shows how the Hex color 7FE189 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 7FE189 Background



This preview shows how black text looks on a background with the Hex color 7FE189.

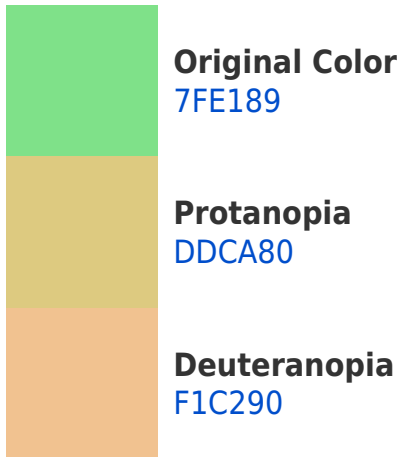


This preview shows how white text looks on a background with the Hex color 7FE189.

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
93D6E7

Trichromacy



Original Color
7FE189



Protanomaly
BBD283



Deuteranomaly
C8CD8D

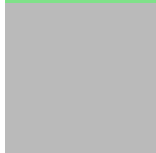


Tritanomaly
8CDAC5

Monochromacy



Original Color
7FE189



Achromatopsia
BABABA



Achromatomaly
A5C8A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 7FE189 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 #7FE189 looks like.

```
.text, #text, p{  
    color:#7FE189  
}
```

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 #7FE189 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FE189
}
```

Border

The CSS property to change the border of an element to Hex 7FE189 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
#7FE189 }
```

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

```
.border{ border-color:#7FE189 }
```

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

Here you see how a box with a 4 pixel #7FE189 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FE189; -webkit-box-shadow:4px 4px  
4px 4px #7FE189; box-shadow:4px 4px 4px  
4px #7FE189 }
```

Background

The CSS property to change the background color of an element to Hex 7FE189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FE189 }
```

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

```
.background{ background-color:#7FE189 }
```

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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