

Converting Colors

Hex(FFF780)

Have a look what the booklet for
Hex(FFF780) contains.

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Color

Hex(FFF780)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFF780 |
| RGB | 255, 247, 128 |
| RGB Percent | 100%, 97%, 50% |
| CMY | 0.0000, 0.0314, 0.4980 |
| CMYK | 0.00, 0.03, 0.50, 0.00 |
| HSL | 56°, 100%, 75% |
| HSV | 56°, 50%, 100% |
| XYZ | 78.3970, 89.3400, 33.5345 |
| YIQ | 235.8260, 42.9670, -35.3130 |

Conversions

Conversions Part 2

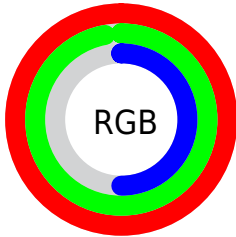
| Format | Color |
|-------------------------------------|---|
| RYB | 137, 255, 128 |
| Decimal | 16775040 |
| CIELab | 95.72, -12.65, 57.56 |
| CIELCh | 96, 58.934, 102.396 |
| Yxy | 89.3400, 0.3895, 0.4439 |
| Android (android.graphics.Color) | 4294965120 (0xFFFFF780) |
| YUV | 235.8260, -53.1582, 16.8156 |
| Hunter-Lab | 94.5199, -17.3576, 45.1286 |

Details

The Hex color **FFF780** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **8088FF**, and the grayscale version is **ECECEC**.

A 20% lighter version of the original color is **FFFFB7**, and **C4BF4A** is the 20% darker color. If you saturate the color by 10%, you get **FFF567**, and if you desaturate by 10%, it is **FFF99A**.

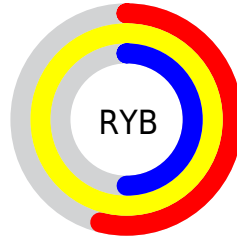
Distribution



Red (100%)

Green (97%)

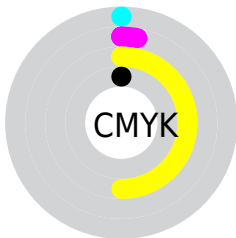
Blue (50%)



Red (54%)

Yellow (100%)

Blue (50%)

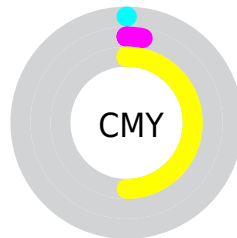


Cyan (0%)

Magenta (3%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFF780 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 FFF780 by changing the saturation by 10% instead.

 FFF780

 FFF780

FFFFFF

 E1DB65

 FFFFB7

 C4BF4A

 FFFFD4

 A7A42F

 FFFFF1

 8B8A0E

 707000

 555800

 3B4100

 222B00

 001800

 FFF780

 FFF780

 FFF567

 FFF99A

 FFF44D

 FFFAB3

 FFF233

 FFFCCD

 FFF11A

 FFFDE6

 FFEF00

FFFFFF

Harmonies

Analogous

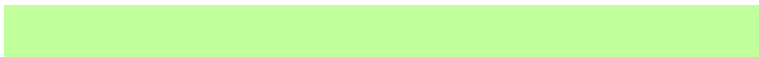
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE485



FFF780



C0FF9C

Triad

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



FFF780



00FFFF



FFC9FF

Complementary

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



FFF780



8088FF

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.



FFDBFF



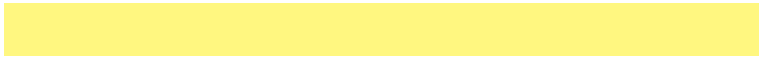
FFF780



38FFFF

Square

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



FFF780



00FFFF



C2F0FF



FFC4DD

Rectangle

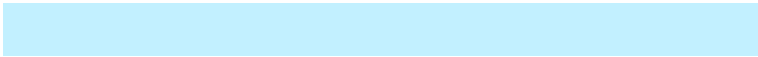
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFF780



8EFFBC



C2F0FF



FFCEFF

Sweetspot

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



FFF780



FFFDD9



FF8088



807E69



000000



808080

Same Dimension

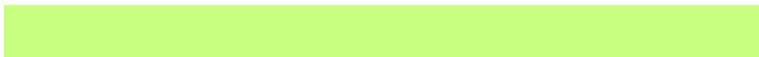
The Same Dimension uses a secret algorithm to generate beautiful new colors.



FFF780



FFF566



C8FF80



807F73



BFB300



403C00

Inverse Universe

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



8088FF



6670FF



B780FF



737480



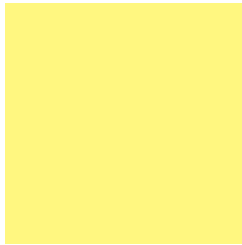
000CBF



000440

Previews

White Background



This preview shows how the Hex color FFF780 looks on a white background.

Color Contrast Check

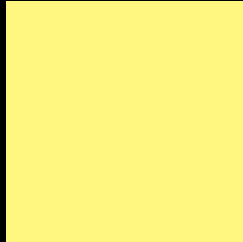
Large Text (above 18pt) WCAG AA × Fail

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 FFF780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

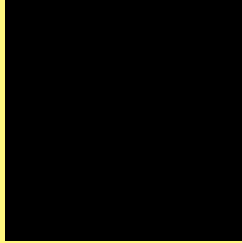
Any Text WCAG AA ✓ Pass

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 FFF780 Background



This preview shows how black text looks on a background with the Hex color FFF780.

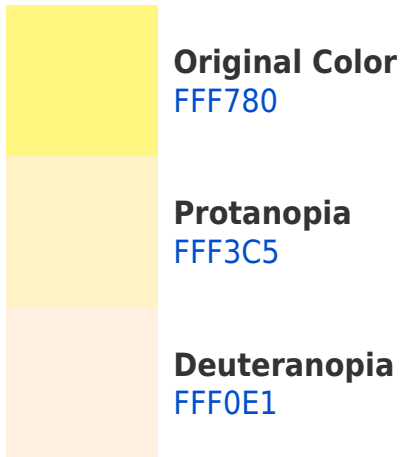


This preview shows how white text looks on a background with the Hex color FFF780.

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
FFEEF7

Trichromacy



Original Color
FFF780



Protanomaly
FFF4AC



Deuteranomaly
FFF3BE

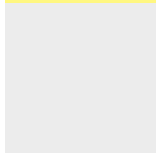


Tritanomaly
FFF1CC

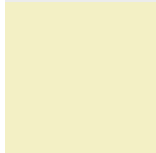
Monochromacy



Original Color
FFF780



Achromatopsia
ECECEC



Achromatomaly
F3F0C5

CSS Examples

Text

The CSS property to change the color of the text to Hex FFF780 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 #FFF780 looks like.

```
.text, #text, p{  
    color:#FFF780  
}
```

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 #FFF780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFF780
}
```

Border

The CSS property to change the border of an element to Hex FFF780 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
#FFF780 }
```

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

```
.border{ border-color:#FFF780 }
```

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

Here you see how a box with a 4 pixel #FFF780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFF780; -webkit-box-shadow:4px 4px  
4px 4px #FFF780; box-shadow:4px 4px 4px  
4px #FFF780 }
```

Background

The CSS property to change the background color of an element to Hex FFF780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFF780 }
```

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

```
.background{ background-color:#FFF780 }
```

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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