

# Converting Colors

Hex(F2F07B)

Have a look what the booklet for  
Hex(F2F07B) contains.

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# **Color**

**Hex(F2F07B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2F07B
RGB	242, 240, 123
RGB Percent	95%, 94%, 48%
CMY	0.0510, 0.0588, 0.5176
CMYK	0.00, 0.01, 0.49, 0.05
HSL	59°, 82%, 72%
HSV	59°, 49%, 95%
XYZ	71.3532, 82.6275, 30.9269
YIQ	227.2600, 38.7490, -35.9630

# Conversions

## Conversions Part 2

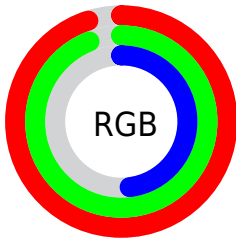
Format	Color
<a href="#">RYB</a>	<a href="#">125, 242, 123</a>
Decimal	<a href="#">15921275</a>
CIELab	<a href="#">92.85, -14.76, 56.21</a>
CIElCh	<a href="#">93, 58.112, 104.715</a>
Yxy	<a href="#">82.6275, 0.3859, 0.4469</a>
Android (android.graphics.Color)	<a href="#">4294111355 (0xFFFF2F07B)</a>
YUV	<a href="#">227.2600, -51.4002, 12.9270</a>
Hunter-Lab	<a href="#">90.8997, -18.9579, 43.4575</a>

# Details

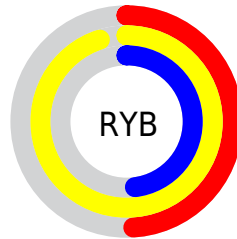
The Hex color **F2F07B** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **7B7DF2**, and the grayscale version is **E4E4E4**.

A 20% lighter version of the original color is **FFFFB2**, and **B8B846** is the 20% darker color. If you saturate the color by 10%, you get **F2F063**, and if you desaturate by 10%, it is **F2F093**.

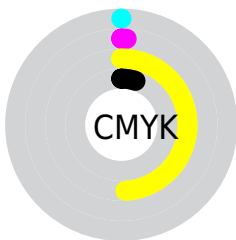
# Distribution



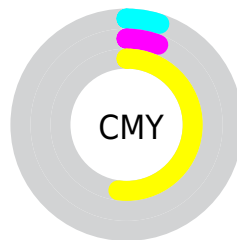
- Red (95%)
- Green (94%)
- Blue (48%)



- Red (49%)
- Yellow (95%)
- Blue (48%)



- Cyan (0%)
- Magenta (1%)
- Yellow (49%)
- Black (5%)



- Cyan (5%)
- Magenta (6%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2F07B 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 F2F07B by changing the saturation by 10% instead.



 F2F07B

 F2F07B

FFFFFF

 D5D460

 FFFFB2

 B8B846

 FFFFCE

 9B9D2A

 FFFFEB

 808306

 656A00

 4B5200

 303B00

 172600

 001200

 F2F07B

 F2F07B

 F2F063

 F2F093

 F2EF4B

 F2F1AB

 F2EF32

 F2F1C4

 F2EE1A

 F2F2DC

 F2EE02

 F2F2F4

 F2EE00

 F2F2FF

 F2F3FF

 F2F4FF

# Harmonies

## Analogous

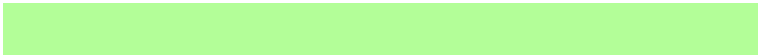
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFDD7E



F2F07B



B3FE98

# Triad

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



F2F07B



00FFFF



FFC0FF

# Complementary

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



F2F07B



7B7DF2

# 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.



FFD1FF



F2F07B



40F8FF

# Square

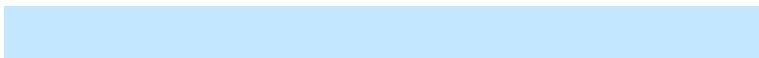
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F2F07B



00FFFF



C2E7FF



FBDD1

# Rectangle

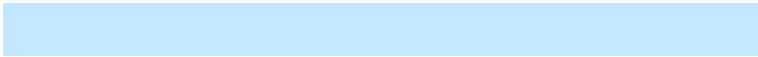
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F2F07B



81FFB9



C2E7FF



FFC5FF



# Sweetspot

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



F2F07B



FFFED9



F27B7F



807F69



000000



808080



# Same Dimension

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



F2F07B



FFFC69



BAF27B



78786C



B8B500



383700



# Inverse Universe

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



7B7DF2



696BFF



B37BF2



6C6C78



0003B8

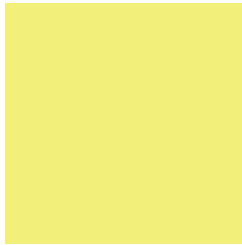


000138



# Previews

## White Background



This preview shows how the Hex color F2F07B looks on a white background.

## Color Contrast Check

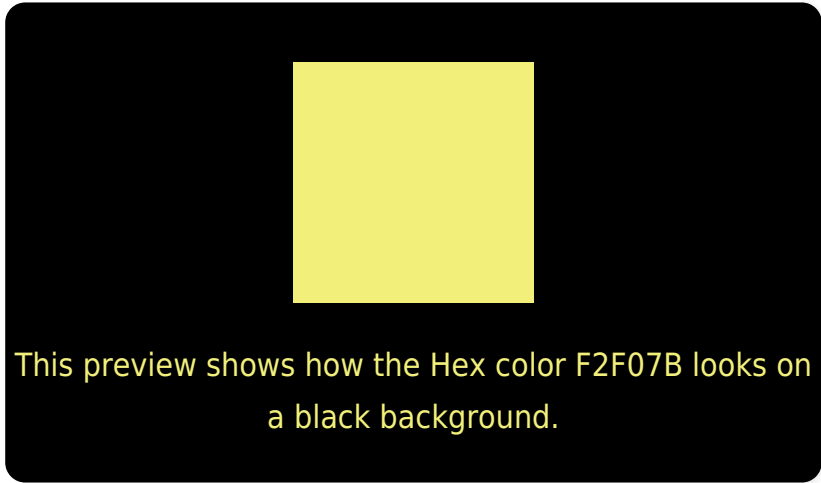
Large Text (above 18pt) WCAG AA × Fail

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 F2F07B Background



This preview shows how black text looks on a background with the Hex color F2F07B.

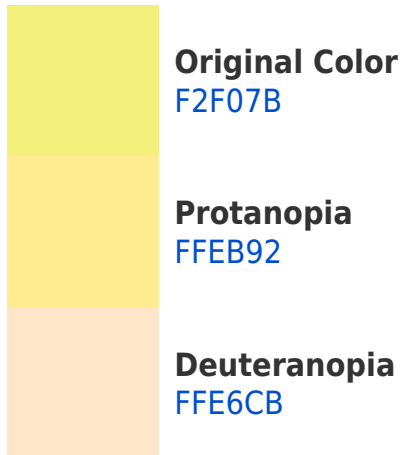


This preview shows how white text looks on a background with the Hex color F2F07B.

# 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



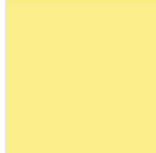


**Tritanopia**  
FFE2F4

# Trichromacy



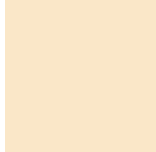
**Original Color**  
F2F07B



**Protanomaly**  
FAED8A



**Deuteranomaly**  
FAEAAE

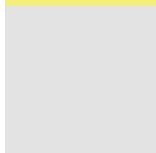


**Tritanomaly**  
FAE7C8

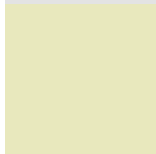
# Monochromacy



**Original Color**  
F2F07B



**Achromatopsia**  
E3E3E3



**Achromatomaly**  
E8E8BD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2F07B 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 #F2F07B looks like.

```
.text, #text, p{  
    color:#F2F07B  
}
```

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 #F2F07B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2F07B
}
```

## Border

The CSS property to change the border of an element to Hex F2F07B 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
#F2F07B }
```

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

```
.border{ border-color:#F2F07B }
```

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

Here you see how a box with a 4 pixel #F2F07B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2F07B; -webkit-box-shadow:4px 4px  
4px 4px #F2F07B; box-shadow:4px 4px 4px  
4px #F2F07B }
```

# Background

The CSS property to change the background color of an element to Hex F2F07B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2F07B }
```

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

```
.background{ background-color:#F2F07B }
```

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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