

# Converting Colors

Hex(F1F7F2)

Have a look what the booklet for  
Hex(F1F7F2) contains.

<b>Hex(F1F7F2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(F1F7F2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1F7F2
RGB	241, 247, 242
RGB Percent	95%, 97%, 95%
CMY	0.0549, 0.0314, 0.0510
CMYK	0.02, 0.00, 0.02, 0.03
HSL	130°, 27%, 96%
HSV	130°, 2%, 97%
XYZ	85.5634, 91.6331, 97.1817
YIQ	244.6360, -1.9710, -2.8270

# Conversions

## Conversions Part 2

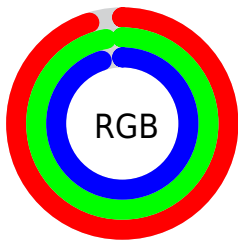
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 246, 247
Decimal	15857650
CIE Lab	96.67, -2.86, 1.70
CIE LCh	97, 3.328, 149.349
Yxy	91.6331, 0.3118, 0.3340
Android (android.graphics.Color)	4294047730 (0xFFFF1F7F2)
YUV	244.6360, -1.2995, -3.1888
Hunter-Lab	95.7252, -7.9679, 6.8155

# Details

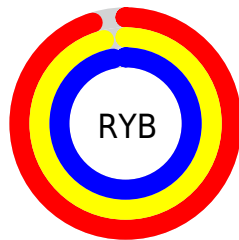
The Hex color **F1F7F2** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **F7F1F6**, and the grayscale version is **F5F5F5**.

A 20% lighter version of the original color is **FFFFFF**, and **B9BFBA** is the 20% darker color. If you saturate the color by 10%, you get **D8F7DD**, and if you desaturate by 10%, it is **FFF7FF**.

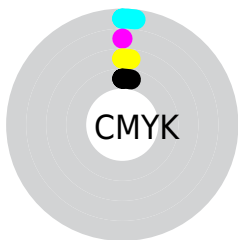
# Distribution



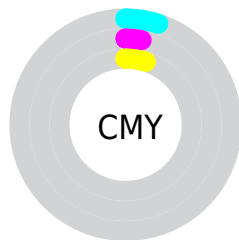
- Red (95%)
- Green (97%)
- Blue (95%)



- Red (95%)
- Yellow (96%)
- Blue (97%)



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (5%)
- Magenta (3%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F1F7F2 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 F1F7F2 by changing the saturation by 10% instead.



 F1F7F2

FFFFFF

 F1F7F2

 D5DBD6

 B9BFBA

 9EA49F


 848985

 6B706C

 535853

 3C403C

 262A27

 111612

 F1F7F2

 F1F7F2

 D8F7DD

 FFF7FF

 C0F7C9

 A7F7B4

 8EF7A0

 76F78B

 5DF776

 44F762

 2BF74D

 13F739

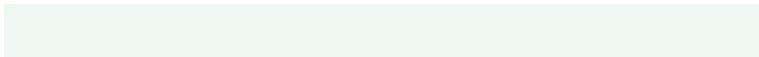
# Harmonies

## Analogous

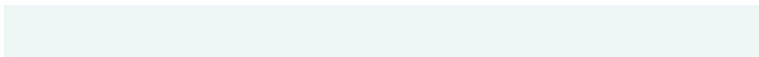
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



F5F6F0



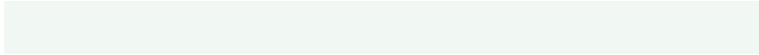
F1F7F2



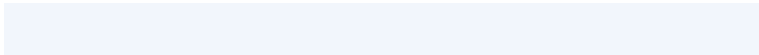
EEF7F5

# Triad

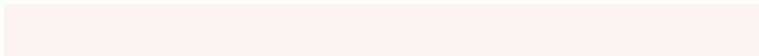
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



F1F7F2



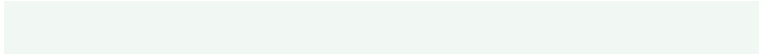
F2F6FC



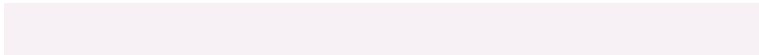
FDF3F2

# Complementary

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



F1F7F2



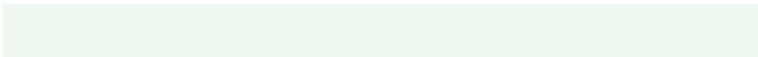
F7F1F6

# Split Complementary

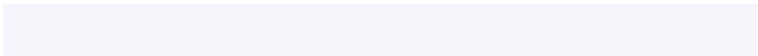
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FCF3F6



F1F7F2



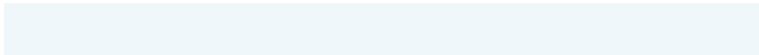
F6F5FB

# Square

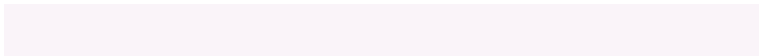
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



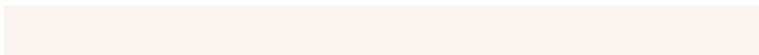
F1F7F2



EFF7FB



FAF4F9



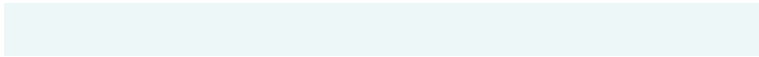
FBF4F0

# Rectangle

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



F1F7F2



EEF7F7



FAF4F9



FDF3F3



# Sweetspot

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



F1F7F2



FCFFFD



F6F7F1



7E807E



000000



808080



# Same Dimension

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



F1F7F2



F7FFF9



F1F7F5



767A76



00BA1F



003B0A



# Inverse Universe

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



F7F1F6



FFF7FE



F7F1F3



7A767A



BA009B

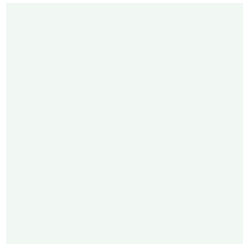


3B0031



# Previews

## White Background



This preview shows how the Hex color F1F7F2 looks on a white background.

## Color Contrast Check

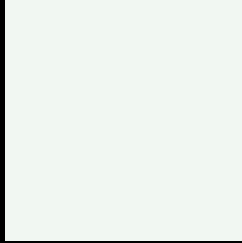
Large Text (above 18pt) WCAG AA × Fail

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 F1F7F2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

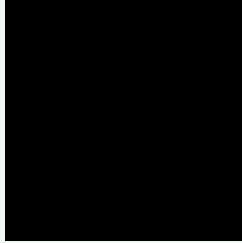
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

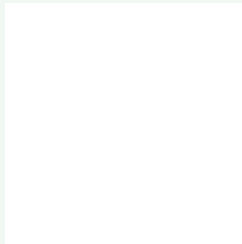
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F1F7F2 Background



This preview shows how black text looks on a background with the Hex color F1F7F2.

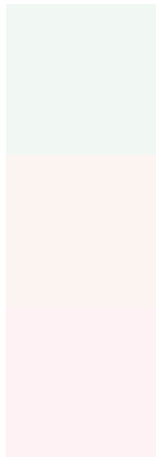


This preview shows how white text looks on a background with the Hex color F1F7F2.

# 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



**Original Color**  
F1F7F2

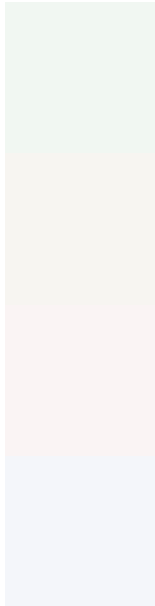
**Protanopia**  
FBF4F0

**Deuteranopia**  
FFF2F5



**Tritanopia**  
F5F5FF

# Trichromacy



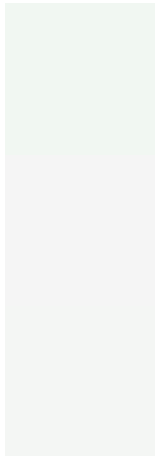
**Original Color**  
F1F7F2

**Protanomaly**  
F7F5F1

**Deuteranomaly**  
FAF4F4

**Tritanomaly**  
F4F6FA

# Monochromacy



**Original Color**  
F1F7F2

**Achromatopsia**  
F5F5F5

**Achromatomaly**  
F4F6F4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F1F7F2 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 #F1F7F2 looks like.

```
.text, #text, p{  
    color:#F1F7F2  
}
```

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 #F1F7F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F1F7F2
}
```

## Border

The CSS property to change the border of an element to Hex F1F7F2 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
#F1F7F2 }
```

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

```
.border{ border-color:#F1F7F2 }
```

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

Here you see how a box with a 4 pixel #F1F7F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F1F7F2; -webkit-box-shadow:4px 4px  
4px 4px #F1F7F2; box-shadow:4px 4px 4px  
4px #F1F7F2 }
```

# Background

The CSS property to change the background color of an element to Hex F1F7F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F1F7F2 }
```

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

```
.background{ background-color:#F1F7F2 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor