

Converting Colors

Hex(F1F93B)

Have a look what the booklet for
Hex(F1F93B) contains.

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Color

Hex(F1F93B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F1F93B |
| RGB | 241, 249, 59 |
| RGB Percent | 95%, 98%, 23% |
| CMY | 0.0549, 0.0235, 0.7686 |
| CMYK | 0.03, 0.00, 0.76, 0.02 |
| HSL | 63°, 94%, 60% |
| HSV | 63°, 76%, 98% |
| XYZ | 70.9407, 86.7679, 17.1466 |
| YIQ | 224.9480, 56.2220, -60.7860 |

Conversions

Conversions Part 2

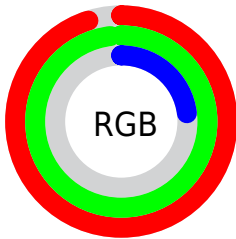
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 59, 249, 67 |
| Decimal | 15857979 |
| CIELab | 94.64, -23.35, 82.76 |
| CIELCh | 95, 85.986, 105.756 |
| Yxy | 86.7679, 0.4057, 0.4962 |
| Android (android.graphics.Color) | 4294048059 (0xFFFF1F93B) |
| YUV | 224.9480, -81.8124, 14.0776 |
| Hunter-Lab | 93.1493, -27.0691, 54.2906 |

Details

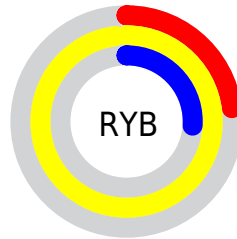
The Hex color **F1F93B** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **433BF9**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFF79**, and **B5C100** is the 20% darker color. If you saturate the color by 10%, you get **F0F922**, and if you desaturate by 10%, it is **F2F954**.

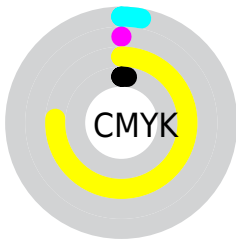
Distribution



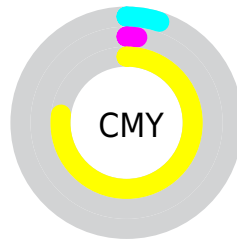
- Red (95%)
- Green (98%)
- Blue (23%)



- Red (23%)
- Yellow (98%)
- Blue (26%)



- Cyan (3%)
- Magenta (0%)
- Yellow (76%)
- Black (2%)



- Cyan (5%)
- Magenta (2%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color F1F93B 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 F1F93B by changing the saturation by 10% instead.

 F1F93B

 F1F93B

FFFFFF

 D3DD0C

 FFFF79

 B5C100

 FFFF96

 97A600

 FFFFB4

 7B8C00

 FFFFDD

 5E7200

 FFFFEE

 425A00

 274200

 0B2C00

 001900

 F1F93B

 F1F93B

 F0F922

 F2F954

 EFF909

 F3F96D

 EFF900

 F4F986

 F5F99F

 F6F9B7

 F7F9D0

 F8F9E9

 F9F9FF

 FAF9FF

Harmonies

Analogous

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



FFDD41



F1F93B



90FF74

Triad

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



F1F93B



00FFFF



FFA7FF

Complementary

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



F1F93B



433BF9

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.



FFC6FF



F1F93B



00FFFF

Square

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



F1F93B



00FFFF



A2EAFF



FFA2C7

Rectangle

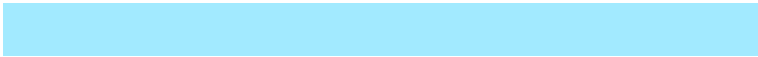
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F1F93B



00FFA8



A2EAFF



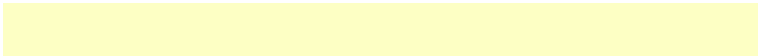
FFAFFF

Sweetspot

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



F1F93B



FDFFC4



F9413B



7E805C



000000



808080

Same Dimension

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



F1F93B



F5FF14



94F93B



7C7D70



B5BD00



3B3D00

Inverse Universe

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



433BF9



1E14FF



A03BF9



71707D



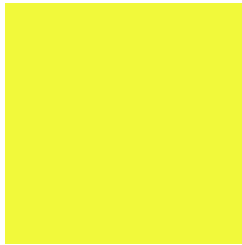
0800BD



03003D

Previews

White Background



This preview shows how the Hex color F1F93B looks on a white background.

Color Contrast Check

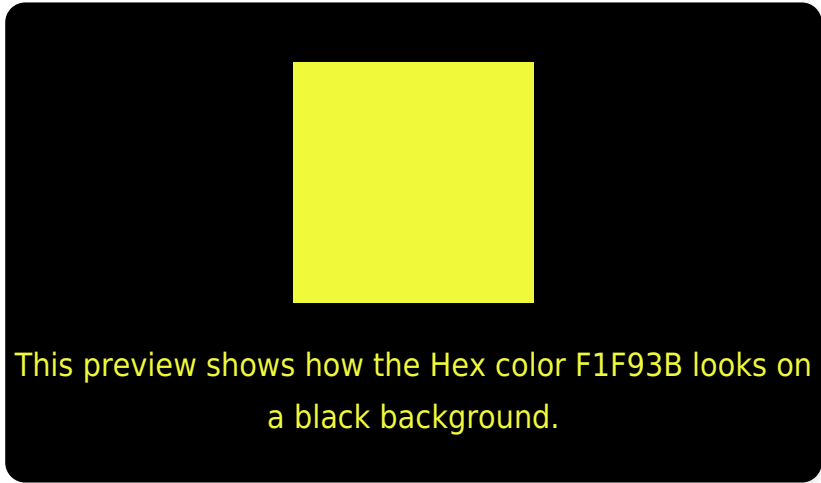
Large Text (above 18pt) WCAG AA × Fail

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 F1F93B Background



This preview shows how black text looks on a background with the Hex color F1F93B.

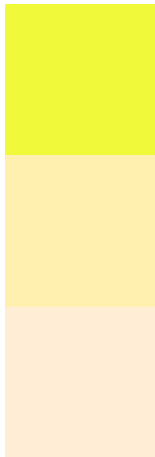


This preview shows how white text looks on a background with the Hex color F1F93B.

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
F1F93B

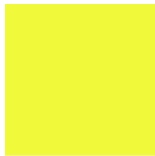
Protanopia
FFF0B0

Deuteranopia
FFEDD6



Tritanopia
FFE9F9

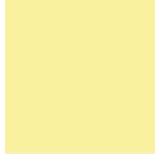
Trichromacy



Original Color
F1F93B



Protanomaly
FAF385

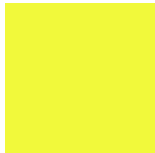


Deuteranomaly
FAF19E

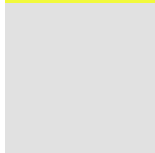


Tritanomaly
FAEFB4

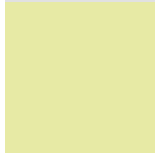
Monochromacy



Original Color
F1F93B



Achromatopsia
E1E1E1



Achromatomaly
E7EAA5

CSS Examples

Text

The CSS property to change the color of the text to Hex F1F93B 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 #F1F93B looks like.

```
.text, #text, p{  
    color:#F1F93B  
}
```

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 #F1F93B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F1F93B
}
```

Border

The CSS property to change the border of an element to Hex F1F93B 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
#F1F93B }
```

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

```
.border{ border-color:#F1F93B }
```

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

Here you see how a box with a 4 pixel #F1F93B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F1F93B; -webkit-box-shadow:4px 4px  
4px 4px #F1F93B; box-shadow:4px 4px 4px  
4px #F1F93B }
```

Background

The CSS property to change the background color of an element to Hex F1F93B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F1F93B }
```

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

```
.background{ background-color:#F1F93B }
```

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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