

# Converting Colors

Hex(F8E31A)

Have a look what the booklet for  
Hex(F8E31A) contains.

<b>Hex(F8E31A)</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(F8E31A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8E31A
RGB	248, 227, 26
RGB Percent	97%, 89%, 10%
CMY	0.0275, 0.1098, 0.8980
CMYK	0.00, 0.08, 0.90, 0.03
HSL	54°, 94%, 54%
HSV	54°, 90%, 97%
XYZ	66.3669, 74.9692, 11.9499
YIQ	210.3650, 77.0370, -58.0590

# Conversions

## Conversions Part 2

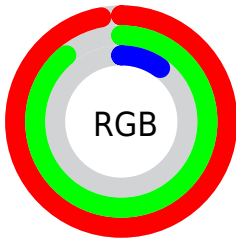
Format	Color
R <sub>Y</sub> B	49, 248, 26
Decimal	16311066
CIE Lab	89.38, -10.64, 85.93
CIE LCh	89, 86.587, 97.055
Yxy	74.9692, 0.4330, 0.4891
Android (android.graphics.Color)	4294501146 (0xFFFF8E31A)
YUV	210.3650, -90.8919, 33.0059
Hunter-Lab	86.5848, -14.7037, 52.4265

# Details

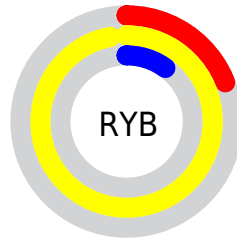
The Hex color **F8E31A** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **1A2FF8**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **FFFF62**, and **BBAC00** is the 20% darker color. If you saturate the color by 10%, you get **F8E101**, and if you desaturate by 10%, it is **F8E533**.

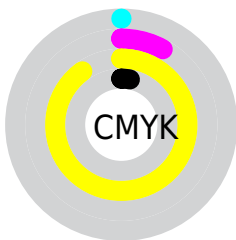
# Distribution



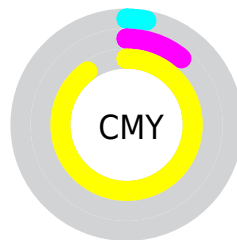
- Red (97%)
- Green (89%)
- Blue (10%)



- Red (19%)
- Yellow (97%)
- Blue (10%)



- Cyan (0%)
- Magenta (8%)
- Yellow (90%)
- Black (3%)



- Cyan (3%)
- Magenta (11%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F8E31A 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 F8E31A by changing the saturation by 10% instead.



 F8E31A

 F8E31A

FFFFFF

 D9C700

 FFFF62

 BBAC00

 FFFF80

 9D9200

 FFFF9E

 807800

 FFFFBB

 636000

 FFFFD9

 474800

 FFFFF7

 2D3200

 151D00

 000000

 F8E31A

 F8E31A

 F8E101

 F8E533

 F8E100

 F8E84C

 F8EA64

 F8EC7D

 F8EF96

 F8F1AF

 F8F3C8

 F8F6E0

 F8F8F9

# Harmonies

## Analogous

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



FFC53E



F8E31A



A0F850

# Triad

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



F8E31A



00FFFF



FF9EFF

# Complementary

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



F8E31A



1A2FF8

# 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.



FCC2FF



F8E31A



00FAFF

# Square

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



F8E31A



00FFF2



29E4FF



FF8FD0

# Rectangle

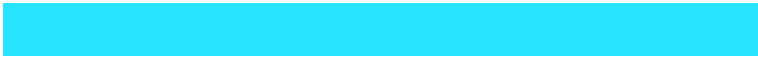
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F8E31A



40FF82



29E4FF



FFA9FF



# Sweetspot

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



F8E31A



FFF8BA



F81A30



807C57



000000



808080



# Same Dimension

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



F8E31A



FFE700



9FF81A



7D7C70



BDAB00



3D3700



# Inverse Universe

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



1A2FF8



0018FF



731AF8



70727D



0012BD

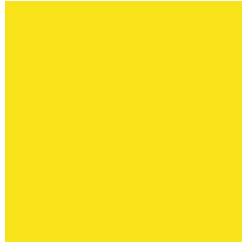


00063D



# Previews

## White Background



This preview shows how the Hex color F8E31A looks on a white background.

## Color Contrast Check

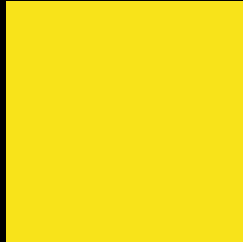
Large Text (above 18pt) WCAG AA × Fail

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 F8E31A 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 F8E31A Background



This preview shows how black text looks on a background with the Hex color F8E31A.

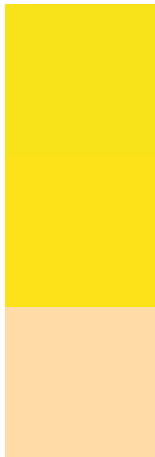


This preview shows how white text looks on a background with the Hex color F8E31A.

# 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**  
F8E31A

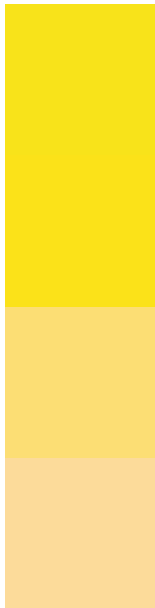
**Protanopia**  
FDE119

**Deuteranopia**  
FFDBA8



**Tritanopia**  
FFD6E3

# Trichromacy



**Original Color**  
F8E31A

**Protanomaly**  
FBE219

**Deuteranomaly**  
FCDE74

**Tritanomaly**  
FCDB9A

# Monochromacy



**Original Color**  
F8E31A

**Achromatopsia**  
D2D2D2

**Achromatomaly**  
E0D88F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F8E31A 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 #F8E31A looks like.

```
.text, #text, p{  
    color:#F8E31A  
}
```

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 #F8E31A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F8E31A
}
```

## Border

The CSS property to change the border of an element to Hex F8E31A 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
#F8E31A }
```

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

```
.border{ border-color:#F8E31A }
```

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

Here you see how a box with a 4 pixel #F8E31A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F8E31A; -webkit-box-shadow:4px 4px  
4px 4px #F8E31A; box-shadow:4px 4px 4px  
4px #F8E31A }
```

# Background

The CSS property to change the background color of an element to Hex F8E31A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F8E31A }
```

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

```
.background{ background-color:#F8E31A }
```

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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