

# Converting Colors

Hex(C1F23F)

Have a look what the booklet for  
Hex(C1F23F) contains.

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# Color

Hex(C1F23F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1F23F
RGB	193, 242, 63
RGB Percent	76%, 95%, 25%
CMY	0.2431, 0.0510, 0.7529
CMYK	0.20, 0.00, 0.74, 0.05
HSL	76°, 87%, 60%
HSV	76°, 74%, 95%
XYZ	54.6417, 75.2006, 16.3379
YIQ	206.9430, 28.2550, -66.0570

# Conversions

## Conversions Part 2

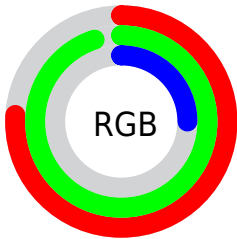
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 242, 112
Decimal	12710463
CIELab	89.49, -38.94, 75.60
CIElCh	89, 85.034, 117.250
Yxy	75.2006, 0.3738, 0.5144
Android (android.graphics.Color)	4290900543 (0xFFC1F23F)
YUV	206.9430, -70.9639, -12.2280
Hunter-Lab	86.7183, -39.2832, 49.5325

# Details

The Hex color **C1F23F** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **703FF2**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **FDFF7B**, and **87BA00** is the 20% darker color. If you saturate the color by 10%, you get **BAF227**, and if you desaturate by 10%, it is **C8F257**.

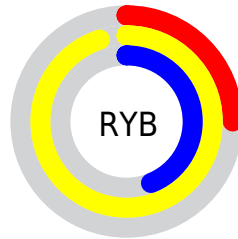
# Distribution



Red (76%)

Green (95%)

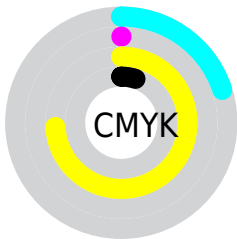
Blue (25%)



Red (25%)

Yellow (95%)

Blue (44%)

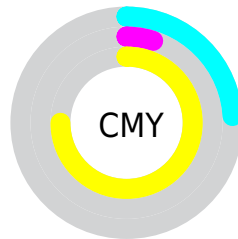


Cyan (20%)

Magenta (0%)

Yellow (74%)

Black (5%)



Cyan (24%)

Magenta (5%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1F23F 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 C1F23F by changing the saturation by 10% instead.



 C1F23F

FFFFFF

 FDF77B

 FFFF97

 FFFFB4

 FFFFDD

 FFFFEF

 C1F23F

 A4D619

 87BA00

 6A9F00

 4D8400

 306B00

 0A5200

 003A00

 002600

 000000

 C1F23F

 C1F23F

 BAF227

 C8F257

 B4F20F

 CEF26F

 B0F200

 D5F288

 DBF2A0

 E2F2B8

 E9F2D0

 EFF2E8

 F6F2FF

 FDF2FF

# Harmonies

## Analogous

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



FFDA25



C1F23F



45FF84

# Triad

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



C1F23F



00FFFF



FF92EC

# Complementary

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



C1F23F



703FF2

# 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.



FFAAFF



C1F23F



00EDFF

# Square

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



C1F23F



00FFFF



D3CFFF



FF9B9B

# Rectangle

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



C1F23F



00FFBA



D3CFFF



FF97FF

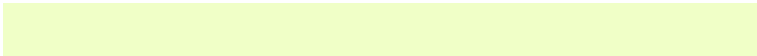


# Sweetspot

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



C1F23F



F0FFC7



F26F3F



76805E



000000



808080



# Same Dimension

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



C1F23F



C1FF1C



69F23F



75786C



85B800



293800



# Inverse Universe

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



703FF2



5A1CFF



C83FF2



6F6C78



3200B8

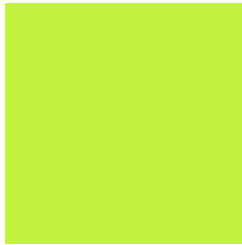


0F0038



# Previews

## White Background



This preview shows how the Hex color C1F23F looks on a white background.

## Color Contrast Check

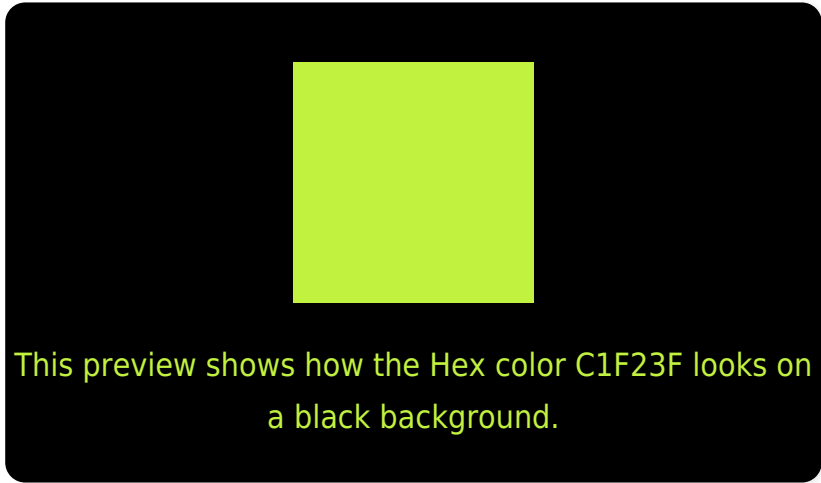
Large Text (above 18pt) WCAG AA × Fail

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 C1F23F Background



This preview shows how black text looks on a background with the Hex color C1F23F.

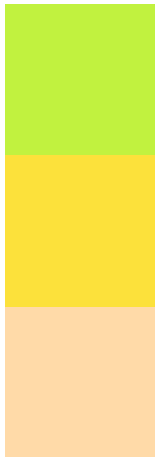


This preview shows how white text looks on a background with the Hex color C1F23F.

# 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**  
C1F23F

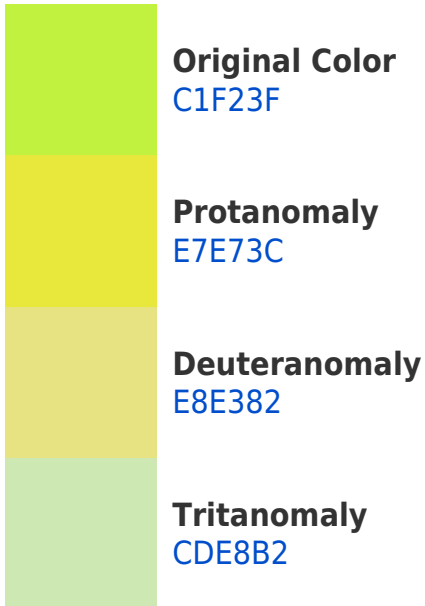
**Protanopia**  
FCE13B

**Deuteranopia**  
FFDAA8

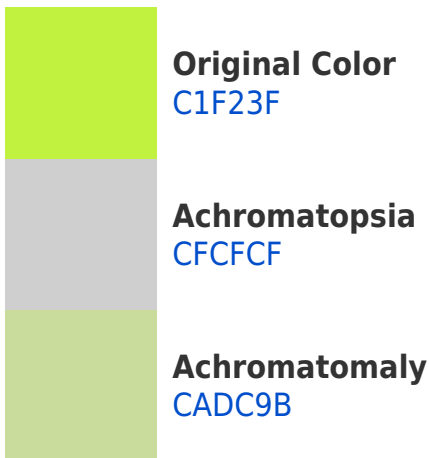


**Tritanopia**  
D4E2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1F23F 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 #C1F23F looks like.

```
.text, #text, p{  
    color:#C1F23F  
}
```

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 #C1F23F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1F23F
}
```

## Border

The CSS property to change the border of an element to Hex C1F23F 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
#C1F23F }
```

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

```
.border{ border-color:#C1F23F }
```

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

Here you see how a box with a 4 pixel #C1F23F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1F23F; -webkit-box-shadow:4px 4px  
4px 4px #C1F23F; box-shadow:4px 4px 4px  
4px #C1F23F }
```

# Background

The CSS property to change the background color of an element to Hex C1F23F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1F23F }
```

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

```
.background{ background-color:#C1F23F }
```

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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