

# Converting Colors

Hex(C2F12E)

Have a look what the booklet for  
Hex(C2F12E) contains.

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# Color

Hex(C2F12E)

# Conversions

## Conversions Part 1

Format	Color
Hex	C2F12E
RGB	194, 241, 46
RGB Percent	76%, 95%, 18%
CMY	0.2392, 0.0549, 0.8196
CMYK	0.20, 0.00, 0.81, 0.05
HSL	74°, 87%, 56%
HSV	74°, 81%, 95%
XYZ	54.1966, 74.5772, 14.1231
YIQ	204.7170, 34.5830, -70.6090

# Conversions

## Conversions Part 2

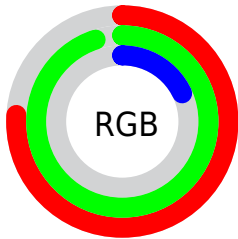
Format	Color
<a href="#">RYB</a>	<a href="#">46, 241, 93</a>
Decimal	<a href="#">12775726</a>
CIELab	<a href="#">89.19, -38.81, 80.13</a>
CIELCh	<a href="#">89, 89.032, 115.841</a>
Yxy	<a href="#">74.5772, 0.3793, 0.5219</a>
Android (android.graphics.Color)	<a href="#">4290965806 (0xFFC2F12E)</a>
YUV	<a href="#">204.7170, -78.2475, -9.3988</a>
Hunter-Lab	<a href="#">86.3581, -39.1037, 50.7543</a>

# Details

The Hex color **C2F12E** 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 **5D2EF1**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FEFF6E**, and **87B900** is the 20% darker color. If you saturate the color by 10%, you get **BCF116**, and if you desaturate by 10%, it is **C8F146**.

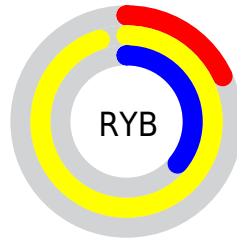
# Distribution



Red (76%)

Green (95%)

Blue (18%)



Red (18%)

Yellow (95%)

Blue (36%)

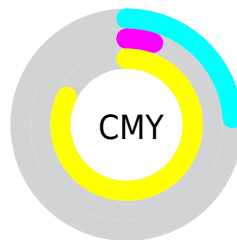


Cyan (20%)

Magenta (0%)

Yellow (81%)

Black (5%)



Cyan (24%)

Magenta (5%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2F12E 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 C2F12E by changing the saturation by 10% instead.



 C2F12E

 C2F12E

FFFFFF

 A4D500

 FEFF6E

 87B900

 FFFF8B

 6A9E00

 FFFFA9

 4E8300

 FFFF8C

 2F6A00

 FFFFE4

 095100

 003A00

 002600

 000000

 C2F12E

 C2F12E

 BCF116

 C8F146

 B7F100

 CEF15E

 D3F176

 D9F18E

 DFF1A6

 E5F1BF

 EBF1D7

 F0F1EF

 F6F1FF

# Harmonies

## Analogous

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



FFD80A



C2F12E



3FFF7B

# Triad

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



C2F12E



00FFFF



FF8CF0

# Complementary

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



C2F12E



5D2EF1

# 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.



FFA8FF



C2F12E



00EEFF

# Square

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



C2F12E



00FFFF



C8CFFF



FF949B

# Rectangle

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



C2F12E



00FFB3



C8CFFF



FF92FF

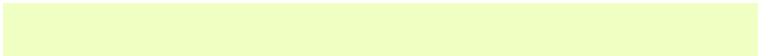


# Sweetspot

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



C2F12E



F0FFC2



F15B2E



77805B



000000



808080



# Same Dimension

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



C2F12E



C3FF08



62F12E



75786C



8BB800



2B3800



# Inverse Universe

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



5D2EF1



4308FF



BD2EF1



6F6C78



2C00B8

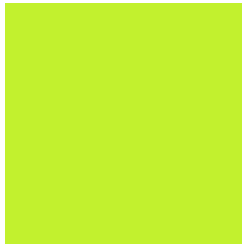


0E0038



# Previews

## White Background



This preview shows how the Hex color C2F12E looks on a white background.

## Color Contrast Check

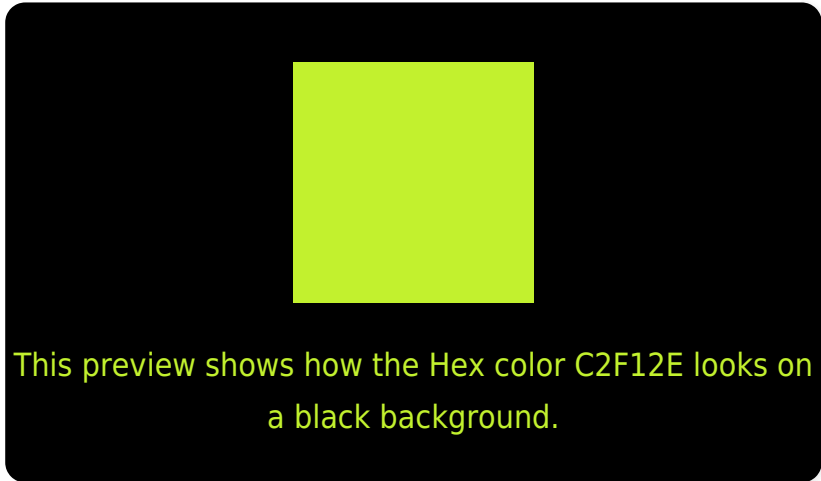
Large Text (above 18pt) WCAG AA × Fail

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 C2F12E Background



This preview shows how black text looks on a background with the Hex color C2F12E.



This preview shows how white text looks on a background with the Hex color C2F12E.

# 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**  
C2F12E

**Protanopia**  
FBE029

**Deuteranopia**  
FFDAA4



**Tritanopia**  
D6E0F2

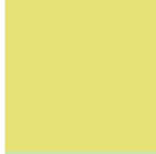
# Trichromacy



**Original Color**  
C2F12E



**Protanomaly**  
E6E62B



**Deuteranomaly**  
E9E279

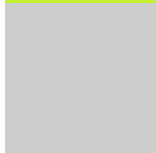


**Tritanomaly**  
CFE6AB

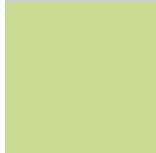
# Monochromacy



**Original Color**  
C2F12E



**Achromatopsia**  
CDCDCD



**Achromatomaly**  
C9DA93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2F12E 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 #C2F12E looks like.

```
.text, #text, p{  
    color:#C2F12E  
}
```

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 #C2F12E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2F12E
}
```

## Border

The CSS property to change the border of an element to Hex C2F12E 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
#C2F12E }
```

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

```
.border{ border-color:#C2F12E }
```

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

Here you see how a box with a 4 pixel #C2F12E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2F12E; -webkit-box-shadow:4px 4px  
4px 4px #C2F12E; box-shadow:4px 4px 4px  
4px #C2F12E }
```

# Background

The CSS property to change the background color of an element to Hex C2F12E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2F12E }
```

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

```
.background{ background-color:#C2F12E }
```

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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