

Converting Colors

Hex(C2F471)

Have a look what the booklet for
Hex(C2F471) contains.

Hex(C2F471)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C2F471)

Conversions

Conversions Part 1

Format	Color
Hex	C2F471
RGB	194, 244, 113
RGB Percent	76%, 96%, 44%
CMY	0.2392, 0.0431, 0.5569
CMYK	0.20, 0.00, 0.54, 0.04
HSL	83°, 86%, 70%
HSV	83°, 54%, 96%
XYZ	57.5795, 77.3630, 27.5206
YIQ	214.1160, 12.2510, -51.3410

Conversions

Conversions Part 2

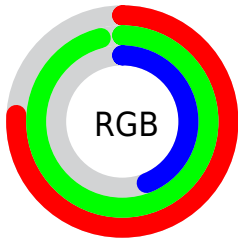
Format	Color
RYB	113, 244, 163
Decimal	12776561
CIELab	90.49, -35.93, 57.15
CIELCh	90, 67.505, 122.159
Yxy	77.3630, 0.3544, 0.4762
Android (android.graphics.Color)	4290966641 (0xFFC2F471)
YUV	214.1160, -49.8502, -17.6417
Hunter-Lab	87.9562, -37.0705, 43.0181

Details

The Hex color **C2F471** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **A371F4**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FDFFA8**, and **89BC3B** is the 20% darker color. If you saturate the color by 10%, you get **B9F459**, and if you desaturate by 10%, it is **CBF489**.

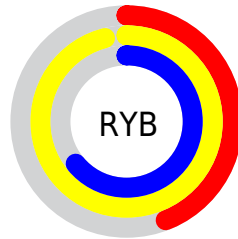
Distribution



Red (76%)

Green (96%)

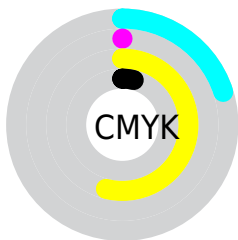
Blue (44%)



Red (44%)

Yellow (96%)

Blue (64%)

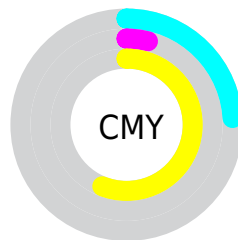


Cyan (20%)

Magenta (0%)

Yellow (54%)

Black (4%)



Cyan (24%)

Magenta (4%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color C2F471 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 C2F471 by changing the saturation by 10% instead.

 C2F471

 C2F471

FFFFFF

 A5D756

 FDFFA8

 89BC3B

 FFFFC4

 6EA01D

 FFFFE1

 538600

FFFFFFE

 376C00

 1A5400

 003C00

 002700

 000300

 C2F471

 C2F471

 B9F459

 CBF489

 AFF440

 D5F4A2

 A6F428

 DEF4BA

 9DF40F

 E7F4D3

 97F400

 F1F4EB

 FAF4FF

 FFF4FF

Harmonies

Analogous

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



FFE25C



C2F471



69FFA5

Triad

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



C2F471



00FAFF



FFABE2

Complementary

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



C2F471



A371F4

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.



FFB8FF



C2F471



6FE9FF

Square

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



C2F471



00FFFF



EED1FF



FFB4A2

Rectangle

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



C2F471



00FFD0



EED1FF



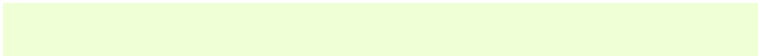
FFADF8

Sweetspot

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



C2F471



EFFFD6



F4A171



768067



000000



808080

Same Dimension

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



C2F471



C1FF5C



82F471



767A6E



73BA00



243B00

Inverse Universe

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



A371F4



9A5CFF



E371F4



736E7A



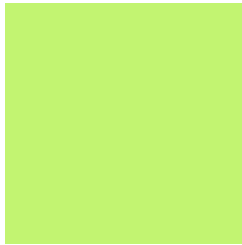
4700BA



16003B

Previews

White Background



This preview shows how the Hex color C2F471 looks on a white background.

Color Contrast Check

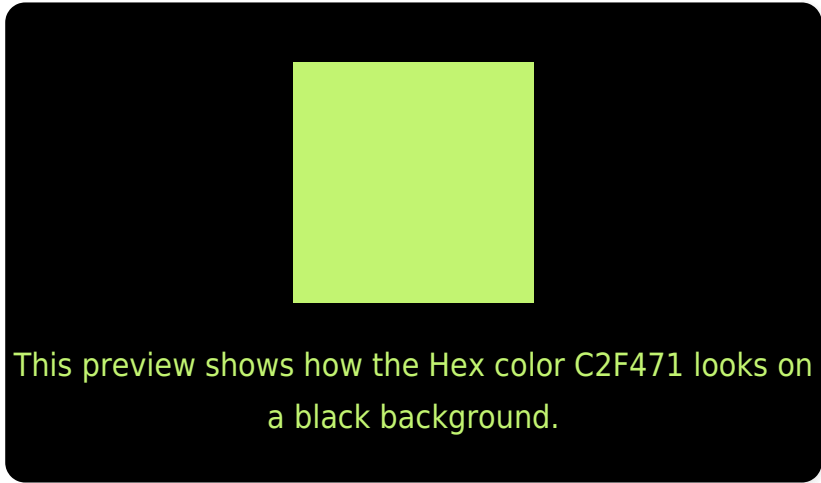
Large Text (above 18pt) WCAG AA × Fail

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 C2F471 Background



This preview shows how black text looks on a background with the Hex color C2F471.

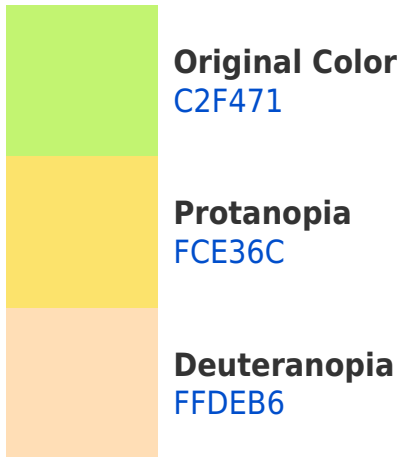


This preview shows how white text looks on a background with the Hex color C2F471.

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



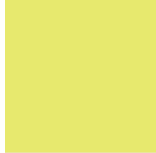


Tritanopia
D4E6F8

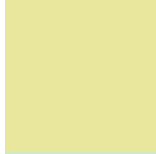
Trichromacy



Original Color
C2F471



Protanomaly
E7E96E



Deuteranomaly
E9E69D

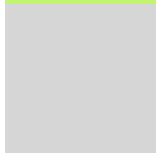


Tritanomaly
CDEBC7

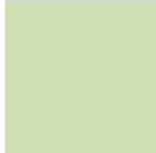
Monochromacy



Original Color
C2F471



Achromatopsia
D6D6D6



Achromatomaly
CFE1B1

CSS Examples

Text

The CSS property to change the color of the text to Hex C2F471 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 #C2F471 looks like.

```
.text, #text, p{  
    color:#C2F471  
}
```

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 #C2F471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2F471
}
```

Border

The CSS property to change the border of an element to Hex C2F471 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
#C2F471 }
```

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

```
.border{ border-color:#C2F471 }
```

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

Here you see how a box with a 4 pixel #C2F471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2F471; -webkit-box-shadow:4px 4px  
4px 4px #C2F471; box-shadow:4px 4px 4px  
4px #C2F471 }
```

Background

The CSS property to change the background color of an element to Hex C2F471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2F471 }
```

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

```
.background{ background-color:#C2F471 }
```

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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