

Converting Colors

Hex(2CF892)

Have a look what the booklet for
Hex(2CF892) contains.

Hex(2CF892)	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(2CF892)

Conversions

Conversions Part 1

Format	Color
Hex	2CF892
RGB	44, 248, 146
RGB Percent	17%, 97%, 57%
CMY	0.8275, 0.0275, 0.4275
CMYK	0.82, 0.00, 0.41, 0.03
HSL	150°, 94%, 57%
HSV	150°, 82%, 97%
XYZ	39.7944, 69.7456, 38.5590
YIQ	175.3760, -88.8420, -74.9700

Conversions

Conversions Part 2

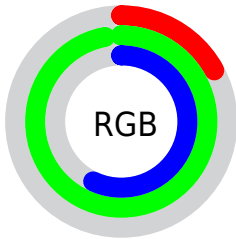
Format	Color
RYB	44, 180, 248
Decimal	2947218
CIELab	86.87, -69.36, 35.87
CIELCh	87, 78.087, 152.657
Yxy	69.7456, 0.2687, 0.4709
Android (android.graphics.Color)	4281137298 (0xFF2CF892)
YUV	175.3760, -14.4824, -115.2168
Hunter-Lab	83.5138, -61.0938, 31.0850

Details

The Hex color **2CF892** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **F82C92**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **7DFFC9**, and **00BE5E** is the 20% darker color. If you saturate the color by 10%, you get **13F886**, and if you desaturate by 10%, it is **45F89E**.

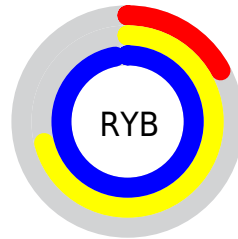
Distribution



Red (17%)

Green (97%)

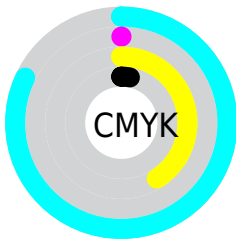
Blue (57%)



Red (17%)

Yellow (71%)

Blue (97%)

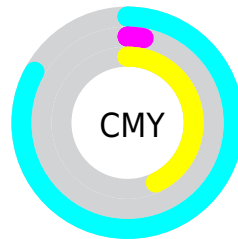


Cyan (82%)

Magenta (0%)

Yellow (41%)

Black (3%)



Cyan (83%)

Magenta (3%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CF892 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 2CF892 by changing the saturation by 10% instead.

 2CF892

 2CF892

FFFFFF

 00DB78

 7DFFC9

 00BE5E

 9EFFE5

 00A245

 BEFFFF

 00872D

 DEFFFF

 006C13

FEFFFF

 005200

 003A00

 002000

 000000

 2CF892

 2CF892

 13F886

 45F89E

 00F87C

 5EF8AB

 76F8B7

 8FF8C4

 A8F8D0

 C1F8DC

 DAF8E9

 F2F8F5

 FFF8FF

Harmonies

Analogous

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



AEEC52



2CF892



00FDDE

Triad

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



2CF892



00E0FF



FFA08E

Complementary

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



2CF892



F82C92

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.



FF93D6



2CF892



E4C3FF

Square

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



2CF892



00F3FF



FFA4FF



FFBC53

Rectangle

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



2CF892



00DFFF



FFA4FF



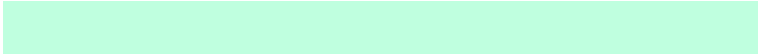
FF99A5

Sweetspot

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



2CF892



BFFFDF



92F82C



59806C



000000



808080

Same Dimension

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



2CF892



03FF81



2CF8F8



707D77



00BD5E



003D1F

Inverse Universe

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



F82C92



FF0381



F82C2C



7D7077



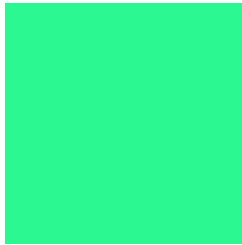
BD005E



3D001F

Previews

White Background



This preview shows how the Hex color 2CF892 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 2CF892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

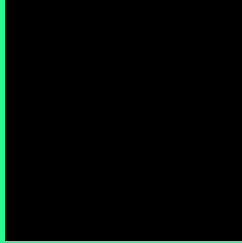
Any Text WCAG AA ✓ Pass

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 2CF892 Background



This preview shows how black text looks on a background with the Hex color 2CF892.

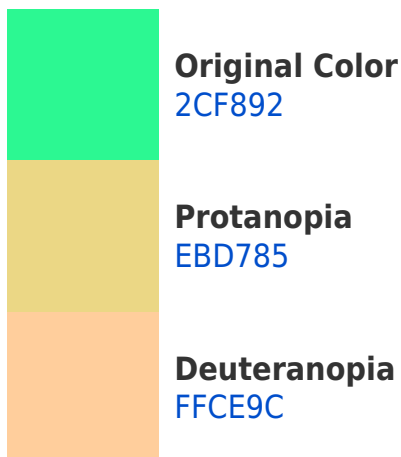


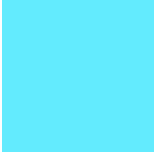
This preview shows how white text looks on a background with the Hex color 2CF892.

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](#).

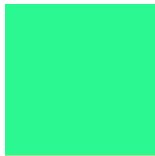
Dichromacy





Tritanopia
63EBFE

Trichromacy



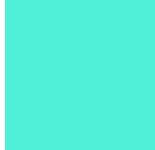
Original Color
2CF892



Protanomaly
A6E38A



Deuteranomaly
B2DD98



Tritanomaly
4FF0D7

Monochromacy



Original Color
2CF892



Achromatopsia
AFAFAF



Achromatomaly
7FCAA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CF892 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 #2CF892 looks like.

```
.text, #text, p{  
    color:#2CF892  
}
```

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 #2CF892 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CF892
}
```

Border

The CSS property to change the border of an element to Hex 2CF892 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
#2CF892 }
```

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

```
.border{ border-color:#2CF892 }
```

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

Here you see how a box with a 4 pixel #2CF892 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CF892; -webkit-box-shadow:4px 4px  
4px 4px #2CF892; box-shadow:4px 4px 4px  
4px #2CF892 }
```

Background

The CSS property to change the background color of an element to Hex 2CF892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CF892 }
```

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

```
.background{ background-color:#2CF892 }
```

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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