

# Converting Colors

Hex(2CF94E)

Have a look what the booklet for  
Hex(2CF94E) contains.

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# Color

Hex(2CF94E)

# Conversions

## Conversions Part 1

Format	Color
Hex	2CF94E
RGB	44, 249, 78
RGB Percent	17%, 98%, 31%
CMY	0.8275, 0.0235, 0.6941
CMYK	0.82, 0.00, 0.69, 0.02
HSL	130°, 94%, 57%
HSV	130°, 82%, 98%
XYZ	36.2895, 68.8369, 18.5819
YIQ	168.2110, -67.2890, -96.6410

# Conversions

## Conversions Part 2

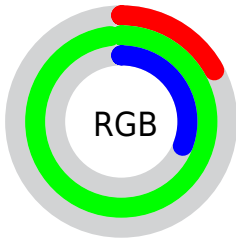
Format	Color
<a href="#">RYB</a>	<a href="#">44, 220, 249</a>
Decimal	<a href="#">2947406</a>
CIELab	<a href="#">86.42, -78.75, 65.66</a>
CIELCh	<a href="#">86, 102.528, 140.181</a>
Yxy	<a href="#">68.8369, 0.2933, 0.5564</a>
Android (android.graphics.Color)	<a href="#">4281137486 (0xFF2CF94E)</a>
YUV	<a href="#">168.2110, -44.4740, -108.9330</a>
Hunter-Lab	<a href="#">82.9680, -67.1195, 44.7987</a>

# Details

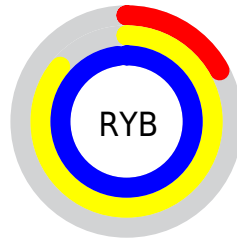
The Hex color **2CF94E** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **F92CD7**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **7FFF87**, and **00BF00** is the 20% darker color. If you saturate the color by 10%, you get **13F939**, and if you desaturate by 10%, it is **45F963**.

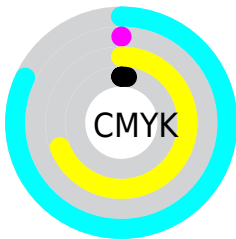
# Distribution



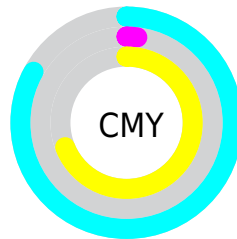
- Red (17%)
- Green (98%)
- Blue (31%)



- Red (17%)
- Yellow (86%)
- Blue (98%)



- Cyan (82%)
- Magenta (0%)
- Yellow (69%)
- Black (2%)



- Cyan (83%)
- Magenta (2%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CF94E 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 2CF94E by changing the saturation by 10% instead.



 2CF94E

 2CF94E

FFFFFF

 00DC2F


 7FFF87

 00BF00

 A1FFA3

 00A300

 C1FFC0

 008700

 E2FFDD

 006C00

 FFFFFA

 005200

 003900

 001E00

 000000

 2CF94E

 2CF94E

 13F939

 45F963

 00F929

 5EF978

 77F98C

 90F9A1

 A9F9B6

 C1F9CB

 DAF9DF

 F3F9F4

 FFF9FF

# Harmonies

## Analogous

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



C5E700



2CF94E



00FFB4

# Triad

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



2CF94E



00EDFF



FF709C

# Complementary

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



2CF94E



F92CD7

# 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.



FF6EFD



2CF94E



85CCFF

# Square

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



2CF94E



00FEFF



FF9CFF



FF9D3F

# Rectangle

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



2CF94E



00FFF8



FF9CFF



FF68BB

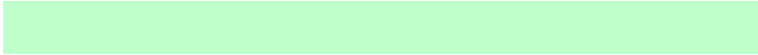


# Sweetspot

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



2CF94E



BFFFCA



DAF92C



598060



000000



808080



# Same Dimension

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



2CF94E



03FF2C



2CF9B1



707D73



00BD1F



003D0A



# Inverse Universe

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



F92CD7



FF03D5



F92C74



7D707B



BD009D

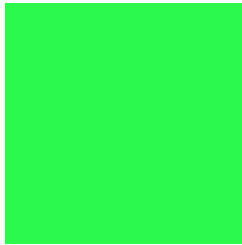


3D0033



# Previews

## White Background



This preview shows how the Hex color 2CF94E 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 2CF94E 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 2CF94E Background



This preview shows how black text looks on a background with the Hex color 2CF94E.

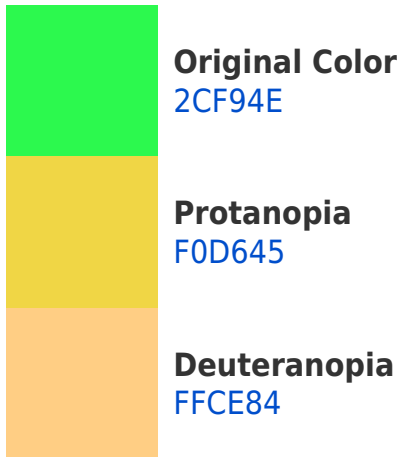


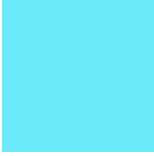
This preview shows how white text looks on a background with the Hex color 2CF94E.

# 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](#).

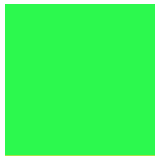
## Dichromacy





**Tritanopia**  
6CE9FB

# Trichromacy



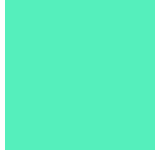
**Original Color**  
2CF94E



**Protanomaly**  
A9E348



**Deuteranomaly**  
B2DE70

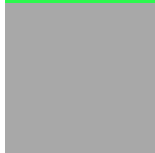


**Tritanomaly**  
55EFBC

# Monochromacy



**Original Color**  
2CF94E



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
7BC587

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CF94E 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 #2CF94E looks like.

```
.text, #text, p{  
    color:#2CF94E  
}
```

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 #2CF94E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CF94E
}
```

## Border

The CSS property to change the border of an element to Hex 2CF94E 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
#2CF94E }
```

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

```
.border{ border-color:#2CF94E }
```

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

Here you see how a box with a 4 pixel #2CF94E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CF94E; -webkit-box-shadow:4px 4px  
4px 4px #2CF94E; box-shadow:4px 4px 4px  
4px #2CF94E }
```

# Background

The CSS property to change the background color of an element to Hex 2CF94E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CF94E }
```

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

```
.background{ background-color:#2CF94E }
```

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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