

# Converting Colors

Hex(2EFC62)

Have a look what the booklet for  
Hex(2EFC62) contains.

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**Color**

**Hex(2EFC62)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2EFC62
RGB	46, 252, 98
RGB Percent	18%, 99%, 38%
CMY	0.8196, 0.0118, 0.6157
CMYK	0.82, 0.00, 0.61, 0.01
HSL	135°, 97%, 58%
HSV	135°, 82%, 99%
XYZ	38.1417, 71.0835, 23.2655
YIQ	172.8500, -73.3420, -91.5660

# Conversions

## Conversions Part 2

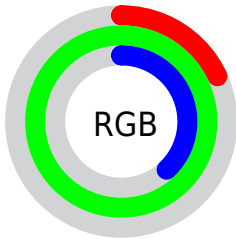
Format	Color
<a href="#">RYB</a>	46, 210, 252
Decimal	3079266
CIELab	87.53, -77.43, 58.92
CIELCh	88, 97.302, 142.729
Yxy	71.0835, 0.2879, 0.5365
Android (android.graphics.Color)	4281269346 (0xFF2EFC62)
YUV	172.8500, -36.9010, -111.2474
Hunter-Lab	84.3110, -66.7921, 42.6567

# Details

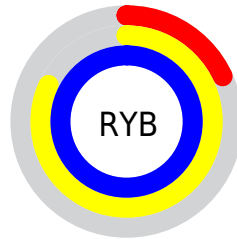
The Hex color **2EFC62** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **FC2EC8**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **80FF99**, and **00C229** is the 20% darker color. If you saturate the color by 10%, you get **15FC4F**, and if you desaturate by 10%, it is **47FC75**.

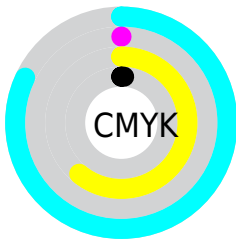
# Distribution



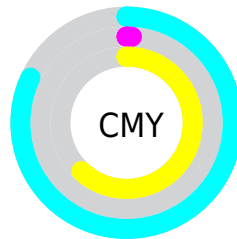
- Red (18%)
- Green (99%)
- Blue (38%)



- Red (18%)
- Yellow (82%)
- Blue (99%)



- Cyan (82%)
- Magenta (0%)
- Yellow (61%)
- Black (1%)



- Cyan (82%)
- Magenta (1%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2EFC62 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 2EFC62 by changing the saturation by 10% instead.



 2EFC62

FFFFFF

 80FF99

 A2FFB5

 C2FFD2

 E2FFE9

 2EFC62

 00DF46

 00C229

 00A500

 008A00

 006F00

 005400

 003C00

 002200

 000000

 2EFC62

 2EFC62

 15FC4F

 47FC75

 00FC40

 60FC88

 7AFC9B

 93FCAD

 AC FCC0

 C5FCD3

 DEFCE6

 F8FCF9

 FFFCFF

# Harmonies

## Analogous

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



C2EB00



2EFC62



00FC1

# Triad

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



2EFC62



00EDFF



FF809A

# Complementary

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



2EFC62



FC2EC8

# 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.



FF7AF6



2EFC62



A7CFFF

# Square

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



2EFC62



00FFFF



FFA0FF



FFA844

# Rectangle

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



2EFC62



00FFFF



FFA0FF



FF78B8

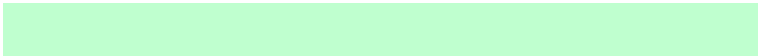


# Sweetspot

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



2EFC62



BFFFCF



C9FC2E



598063



000000



808080



# Same Dimension

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



2EFC62



05FF44



2EFCC9



707D74



00BD30



003D0F



# Inverse Universe

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



FC2EC8



FF05C0



FC2E62



7D707A



BD008D

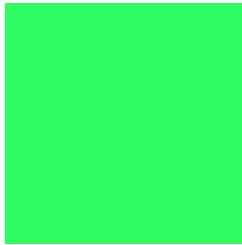


3D002E



# Previews

## White Background



This preview shows how the Hex color 2EFC62 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 2EFC62 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 2EFC62 Background



This preview shows how black text looks on a background with the Hex color 2EFC62.

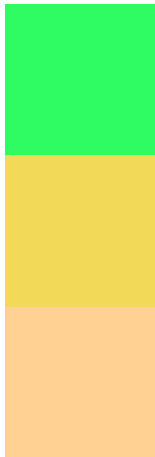


This preview shows how white text looks on a background with the Hex color 2EFC62.

# 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](#).

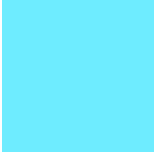
## Dichromacy



**Original Color**  
2EFC62

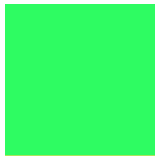
**Protanopia**  
F2D958

**Deuteranopia**  
FFD294



**Tritanopia**  
6EECFE

# Trichromacy



**Original Color**  
2EFC62



**Protanomaly**  
ABE65C



**Deuteranomaly**  
B3E182

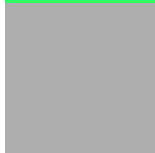


**Tritanomaly**  
57F2C6

# Monochromacy



**Original Color**  
2EFC62



**Achromatopsia**  
ADADAD



**Achromatomaly**  
7FCA92

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2EFC62 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 #2EFC62 looks like.

```
.text, #text, p{  
    color:#2EFC62  
}
```

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 #2EFC62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EFC62
}
```

## Border

The CSS property to change the border of an element to Hex 2EFC62 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
#2EFC62 }
```

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

```
.border{ border-color:#2EFC62 }
```

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

Here you see how a box with a 4 pixel #2EFC62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EFC62; -webkit-box-shadow:4px 4px  
4px 4px #2EFC62; box-shadow:4px 4px 4px  
4px #2EFC62 }
```

# Background

The CSS property to change the background color of an element to Hex 2EFC62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EFC62 }
```

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

```
.background{ background-color:#2EFC62 }
```

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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