

# Converting Colors

Hex(2EFF62)

Have a look what the booklet for  
Hex(2EFF62) contains.

<b>Hex(2EFF62)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(2EFF62)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2EFF62
RGB	46, 255, 98
RGB Percent	18%, 100%, 38%
CMY	0.8196, 0.0000, 0.6157
CMYK	0.82, 0.00, 0.62, 0.00
HSL	135°, 100%, 59%
HSV	135°, 82%, 100%
XYZ	39.0913, 72.9827, 23.5820
YIQ	174.6110, -74.1670, -93.1350

# Conversions

## Conversions Part 2

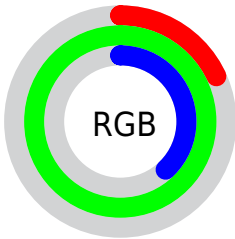
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">46, 213, 255</a>
Decimal	<a href="#">3080034</a>
<a href="#">CIELab</a>	<a href="#">88.44, -78.33, 59.96</a>
<a href="#">CIELCh</a>	<a href="#">88, 98.649, 142.568</a>
<a href="#">Yxy</a>	<a href="#">72.9827, 0.2882, 0.5380</a>
Android (android.graphics.Color)	<a href="#">4281270114</a> ( <a href="#">0xFF2EFF62</a> )
<a href="#">YUV</a>	<a href="#">174.6110, -37.7692, -112.7918</a>
<a href="#">Hunter-Lab</a>	<a href="#">85.4299, -67.8237, 43.4346</a>

# Details

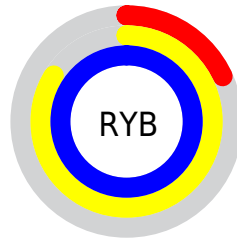
The Hex color **2EFF62** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **FF2ECB**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **81FF99**, and **00C528** is the 20% darker color. If you saturate the color by 10%, you get **15FF4F**, and if you desaturate by 10%, it is **48FF75**.

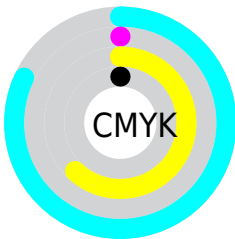
# Distribution



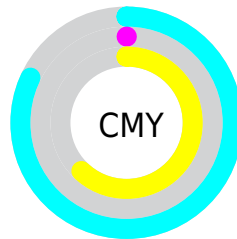
- Red (18%)
- Green (100%)
- Blue (38%)



- Red (18%)
- Yellow (84%)
- Blue (100%)



- Cyan (82%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)



- Cyan (82%)
- Magenta (0%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2EFF62 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 2EFF62 by changing the saturation by 10% instead.



 2EFF62

 2EFF62

FFFFFF

 00E146

 81FF99

 00C528

 A3FFB6

 00A800

 C3FFD2

 008C00

 E3FFF0

 007100

 005700

 003E00

 002400

 000000

 2EFF62

 2EFF62

 15FF4F

 48FF75

 00FF3F

 61FF88

 7BFF9B

 94FFAF

 AEFFC2

 C7FFD5

 E1FFE8

 FAFFF8

FFFFFF

# Harmonies

## Analogous

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



C5EE00



2EFF62



00FFC3

# Triad

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



2EFF62



00F0FF



FF809C

# Complementary

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



2EFF62



FF2ECB

# 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.



FF7BFA



2EFF62



A8CFFF

# Square

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



2EFF62



00FFFF



FFA2FF



FFA945

# Rectangle

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



2EFF62



00FFFF



FFA2FF



FF78BB

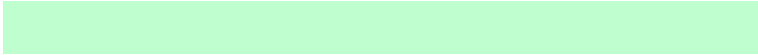


# Sweetspot

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



2EFF62



BFFFCF



CEFF2E



598063



000000



808080



# Same Dimension

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



2EFF62



05FF43



2EFFC7



738076



00BF30



004010



# Inverse Universe

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



FF2ECB



FF05C1



FF2E66



80737C



BF0090

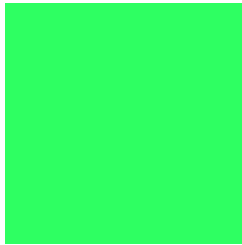


400030



# Previews

## White Background



This preview shows how the Hex color 2EFF62 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 2EFF62 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 2EFF62 Background



This preview shows how black text looks on a background with the Hex color 2EFF62.

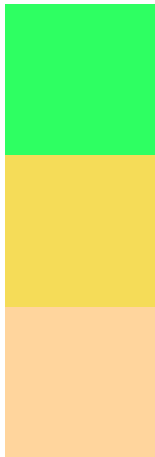


This preview shows how white text looks on a background with the Hex color 2EFF62.

# 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**  
2EFF62

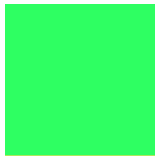
**Protanopia**  
F5DC58

**Deuteranopia**  
FFD59D



**Tritanopia**  
7DEDFE

# Trichromacy



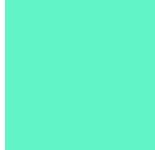
**Original Color**  
2EFF62



**Protanomaly**  
ADE95C



**Deuteranomaly**  
B3E488

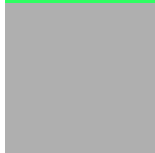


**Tritanomaly**  
60F4C6

# Monochromacy



**Original Color**  
2EFF62



**Achromatopsia**  
AFAFAF



**Achromatomaly**  
80CC93

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2EFF62 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 #2EFF62 looks like.

```
.text, #text, p{  
    color:#2EFF62  
}
```

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 #2EFF62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EFF62
}
```

## Border

The CSS property to change the border of an element to Hex 2EFF62 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
#2EFF62 }
```

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

```
.border{ border-color:#2EFF62 }
```

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

Here you see how a box with a 4 pixel #2EFF62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EFF62; -webkit-box-shadow:4px 4px  
4px 4px #2EFF62; box-shadow:4px 4px 4px  
4px #2EFF62 }
```

# Background

The CSS property to change the background color of an element to Hex 2EFF62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EFF62 }
```

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

```
.background{ background-color:#2EFF62 }
```

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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