

Converting Colors

Hex(28EF70)

Have a look what the booklet for
Hex(28EF70) contains.

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Color

Hex(28EF70)

Conversions

Conversions Part 1

Format	Color
Hex	28EF70
RGB	40, 239, 112
RGB Percent	16%, 94%, 44%
CMY	0.8431, 0.0627, 0.5608
CMYK	0.83, 0.00, 0.53, 0.06
HSL	142°, 86%, 55%
HSV	142°, 83%, 94%
XYZ	34.6662, 63.3540, 25.7307
YIQ	165.0210, -77.8370, -81.6850

Conversions

Conversions Part 2

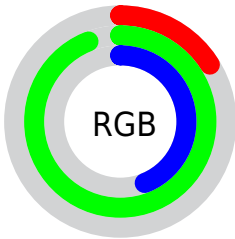
Format	Color
RYB	40, 186, 239
Decimal	2682736
CIELab	83.63, -72.19, 48.12
CIELCh	84, 86.762, 146.313
Yxy	63.3540, 0.2801, 0.5119
Android (android.graphics.Color)	4280872816 (0xFF28EF70)
YUV	165.0210, -26.1394, -109.6434
Hunter-Lab	79.5952, -61.5493, 36.5500

Details

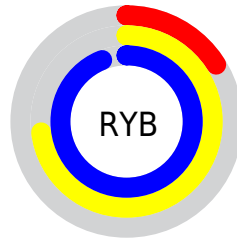
The Hex color **28EF70** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **EF28A7**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **7AFFA6**, and **00B53B** is the 20% darker color. If you saturate the color by 10%, you get **10EF61**, and if you desaturate by 10%, it is **40EF7F**.

Distribution



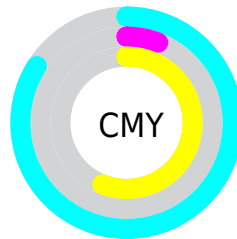
- Red (16%)
- Green (94%)
- Blue (44%)



- Red (16%)
- Yellow (73%)
- Blue (94%)



- Cyan (83%)
- Magenta (0%)
- Yellow (53%)
- Black (6%)



- Cyan (84%)
- Magenta (6%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28EF70 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 28EF70 by changing the saturation by 10% instead.

 28EF70

 28EF70

FFFFFF

 00D256

 7AFFA6

 00B53B

 9BFFC2

 009920

 BBFFDF

 007E00

 DAFFFC

 006400

 FAFFFF

 004A00

 003100

 001500

 000000

 28EF70

 28EF70

 10EF61

 40EF7F

 00EF56

 58EF8F

 70EF9E

 88EFAD

 9FEFBC

 B7EFCC

 CFEFDB

 E7EFEA

 FFEFF9

Harmonies

Analogous

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



B1E121



28EF70



00F6C3

Triad

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



28EF70



00DDFF



FF878D

Complementary

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



28EF70



EF28A7

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.



FF7EDE



28EF70



BBBFFF

Square

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



28EF70



00EFFF



FF99FF



FFA845

Rectangle

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



28EF70



00F6FC



FF99FF



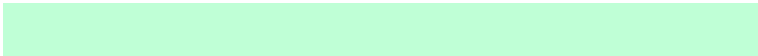
FF7FA7

Sweetspot

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



28EF70



BFFFD6



A9EF28



598067



000000



808080

Same Dimension

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



28EF70



00FF5C



28EFD1



6C7870



00B842



003814

Inverse Universe

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



EF28A7



FF00A3



EF2846



786C74



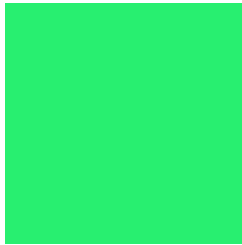
B80075



380024

Previews

White Background



This preview shows how the Hex color 28EF70 looks on a white background.

Color Contrast Check

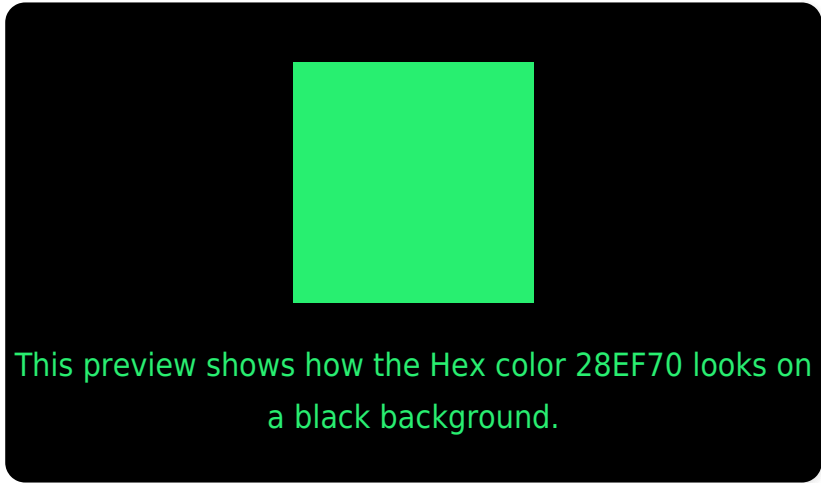
Large Text (above 18pt) WCAG AA × Fail

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 28EF70 Background



This preview shows how black text looks on a background with the Hex color 28EF70.

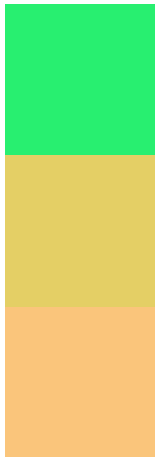


This preview shows how white text looks on a background with the Hex color 28EF70.

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](#).

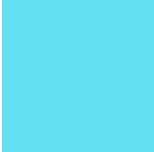
Dichromacy



Original Color
28EF70

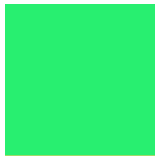
Protanopia
E4CF65

Deuteranopia
FAC57B



Tritanopia
63E1F3

Trichromacy



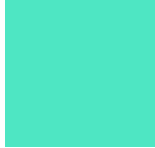
Original Color
28EF70



Protanomaly
A0DB69



Deuteranomaly
AED477



Tritanomaly
4EE6C3

Monochromacy



Original Color
28EF70



Achromatopsia
A5A5A5



Achromatomaly
78C092

CSS Examples

Text

The CSS property to change the color of the text to Hex 28EF70 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 #28EF70 looks like.

```
.text, #text, p{  
    color:#28EF70  
}
```

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 #28EF70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28EF70
}
```

Border

The CSS property to change the border of an element to Hex 28EF70 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
#28EF70 }
```

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

```
.border{ border-color:#28EF70 }
```

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

Here you see how a box with a 4 pixel #28EF70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28EF70; -webkit-box-shadow:4px 4px  
4px 4px #28EF70; box-shadow:4px 4px 4px  
4px #28EF70 }
```

Background

The CSS property to change the background color of an element to Hex 28EF70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28EF70 }
```

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

```
.background{ background-color:#28EF70 }
```

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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