

Converting Colors

Hex(28F21F)

Have a look what the booklet for
Hex(28F21F) contains.

Hex(28F21F)	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(28F21F)

Conversions

Conversions Part 1

Format	Color
Hex	28F21F
RGB	40, 242, 31
RGB Percent	16%, 95%, 12%
CMY	0.8431, 0.0510, 0.8784
CMYK	0.83, 0.00, 0.87, 0.05
HSL	117°, 89%, 54%
HSV	117°, 87%, 95%
XYZ	32.8745, 64.0543, 11.9274
YIQ	157.5480, -52.6610, -108.4450

Conversions

Conversions Part 2

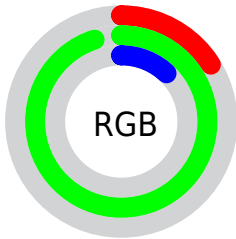
Format	Color
R _Y B	31, 242, 233
Decimal	2683423
CIE Lab	83.99, -80.03, 76.71
CIE LCh	84, 110.858, 136.215
Yxy	64.0543, 0.3020, 0.5884
Android (android.graphics.Color)	4280873503 (0xFF28F21F)
YUV	157.5480, -62.3882, -103.0896
Hunter-Lab	80.0339, -66.7392, 47.1878

Details

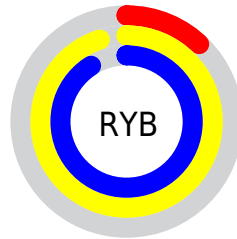
The Hex color **28F21F** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **E91FF2**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **7EFF64**, and **00B800** is the 20% darker color. If you saturate the color by 10%, you get **11F207**, and if you desaturate by 10%, it is **3FF237**.

Distribution



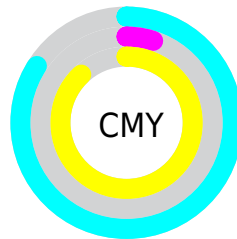
- Red (16%)
- Green (95%)
- Blue (12%)



- Red (12%)
- Yellow (95%)
- Blue (91%)



- Cyan (83%)
- Magenta (0%)
- Yellow (87%)
- Black (5%)



- Cyan (84%)
- Magenta (5%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28F21F 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 28F21F by changing the saturation by 10% instead.

 28F21F

 28F21F


FFFFFF

 00D500

 7EFF64

 00B800

 A0FF81

 009C00

 C0FF9F

 008000

 E0FFBC

 006600

 FFFFD9

 004C00

 FFFFF7

 003200

 001700

 000000

 28F21F

 28F21F

 11F207

 3FF237

 0AF200

 56F24F

 6EF268

 85F280

 9CF298

 B3F2B0

 CAF2C8

 E1F2E1

 F9F2F9

Harmonies

Analogous

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



C7DE00



28F21F



00FC9C

Triad

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



28F21F



00ECFF



FF4D9E

Complementary

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



28F21F



E91FF2

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.



FF57FF



28F21F



00CBFF

Square

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



28F21F



00BFF



FF96FF



FF8737

Rectangle

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



28F21F



00FEE5



FF96FF



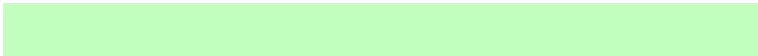
FF43C0

Sweetspot

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



28F21F



C0FFBD



F2E71F



5A8058



000000



808080

Same Dimension

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



28F21F



0BFF00



1FF27E



6C786C



08B800



023800

Inverse Universe

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



E91FF2



F400FF



F21F93



776C78



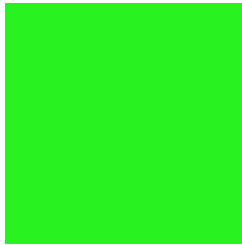
B000B8



360038

Previews

White Background



This preview shows how the Hex color 28F21F looks on a white background.

Color Contrast Check

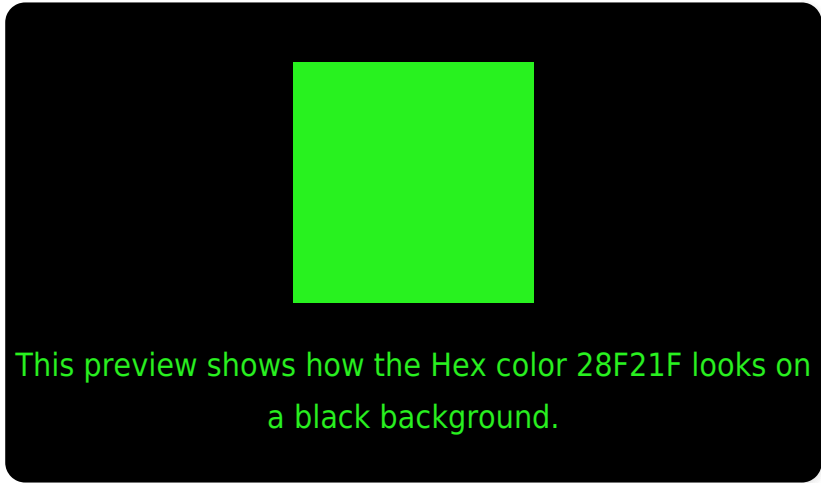
Large Text (above 18pt) WCAG AA × Fail

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 28F21F Background



This preview shows how black text looks on a background with the Hex color 28F21F.

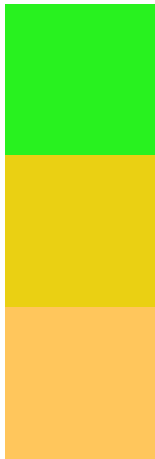


This preview shows how white text looks on a background with the Hex color 28F21F.

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](#).

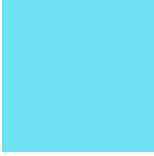
Dichromacy



Original Color
28F21F

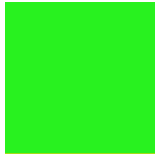
Protanopia
EAD013

Deuteranopia
FFC65C



Tritanopia
6BE1F3

Trichromacy



Original Color
28F21F



Protanomaly
A3DC17

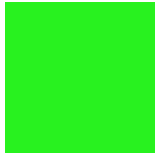


Deuteranomaly
B1D646



Tritanomaly
53E7A6

Monochromacy



Original Color
28F21F



Achromatopsia
9E9E9E



Achromatomaly
73BD70

CSS Examples

Text

The CSS property to change the color of the text to Hex 28F21F 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 #28F21F looks like.

```
.text, #text, p{  
    color:#28F21F  
}
```

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 #28F21F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28F21F
}
```

Border

The CSS property to change the border of an element to Hex 28F21F 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
#28F21F }
```

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

```
.border{ border-color:#28F21F }
```

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

Here you see how a box with a 4 pixel #28F21F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28F21F; -webkit-box-shadow:4px 4px  
4px 4px #28F21F; box-shadow:4px 4px 4px  
4px #28F21F }
```

Background

The CSS property to change the background color of an element to Hex 28F21F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28F21F }
```

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

```
.background{ background-color:#28F21F }
```

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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