

Converting Colors

Hex(28F400)

Have a look what the booklet for
Hex(28F400) contains.

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Color

Hex(28F400)

Conversions

Conversions Part 1

Format	Color
Hex	28F400
RGB	40, 244, 0
RGB Percent	16%, 96%, 0%
CMY	0.8431, 0.0431, 1.0000
CMYK	0.84, 0.00, 1.00, 0.04
HSL	110°, 100%, 48%
HSV	110°, 100%, 96%
XYZ	33.2258, 65.1525, 10.8245
YIQ	155.1880, -43.2600, -119.1320

Conversions

Conversions Part 2

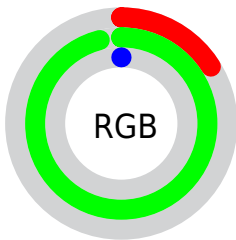
Format	Color
RYB	0, 244, 204
Decimal	2683904
CIELab	84.56, -81.24, 80.73
CIELCh	85, 114.531, 135.178
Yxy	65.1525, 0.3043, 0.5966
Android (android.graphics.Color)	4280873984 (0xFF28F400)
YUV	155.1880, -76.5077, -101.0199
Hunter-Lab	80.7171, -67.7786, 48.5509

Details

The Hex color **28F400** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **CC00F4**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **7FFF5A**, and **00BA00** is the 20% darker color. If you saturate the color by 10%, you get **28F400**, and if you desaturate by 10%, it is **3CF418**.

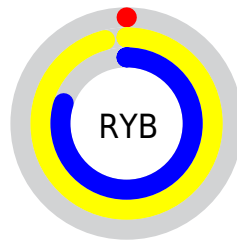
Distribution



Red (16%)

Green (96%)

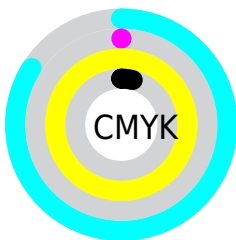
Blue (0%)



Red (0%)

Yellow (96%)

Blue (80%)

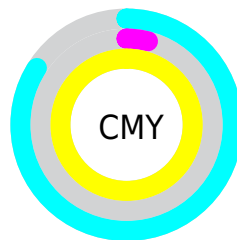


Cyan (84%)

Magenta (0%)

Yellow (100%)

Black (4%)



Cyan (84%)

Magenta (4%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28F400 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 28F400 by changing the saturation by 10% instead.

 28F400

 28F400

FFFFFF

 00D700

 7FFF5A

 00BA00


 A1FF78

 009E00

 C2FF96

 008200

 E2FFB4

 006700

 FFFFD1

 004D00

 FFFFEE

 003400

 001900

 000000

 28F400

 3CF418

 51F431

 65F449

 7AF462

 8EF47A

 A2F492

 B7F4AB

 CBF4C3

 EOF4DC

Harmonies

Analogous

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



CBDF00



28F400



00FE97

Triad

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



28F400



00EFFF



FF41A2

Complementary

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



28F400



CC00F4

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.



FF51FF



28F400



00CEFF

Square

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



28F400



00FEFF



FF97FF



FF8236

Rectangle

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



28F400



00FFE4



FF97FF



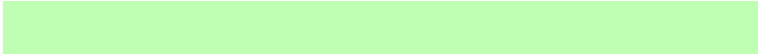
FF36C5

Sweetspot

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



28F400



BFFFB3



F4CB00



598052



000000



808080

Same Dimension

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



28F400



2AFF00



00F451



707A6E



1FBA00



0A3B00

Inverse Universe

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



CC00F4



D500FF



F400A3



786E7A



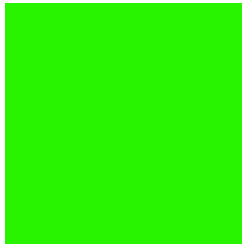
9C00BA



31003B

Previews

White Background



This preview shows how the Hex color 28F400 looks on a white background.

Color Contrast Check

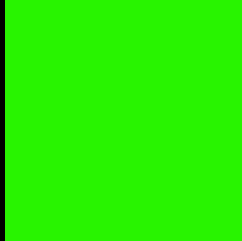
Large Text (above 18pt) WCAG AA × Fail

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 28F400 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 28F400 Background



This preview shows how black text looks on a background with the Hex color 28F400.



This preview shows how white text looks on a background with the Hex color 28F400.

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](#).

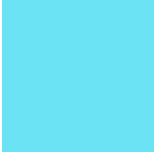
Dichromacy



Original Color
28F400

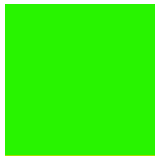
Protanopia
ECD100

Deuteranopia
FFC864



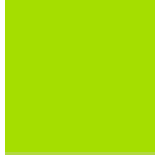
Tritanopia
6CE3F5

Trichromacy



Original Color

28F400



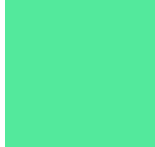
Protanomaly

A5DE00



Deuteranomaly

B1D840



Tritanomaly

53E99C

Monochromacy



Original Color

28F400



Achromatopsia

9B9B9B



Achromatomaly

71BB63

CSS Examples

Text

The CSS property to change the color of the text to Hex 28F400 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 #28F400 looks like.

```
.text, #text, p{  
    color:#28F400  
}
```

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 #28F400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28F400
}
```

Border

The CSS property to change the border of an element to Hex 28F400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

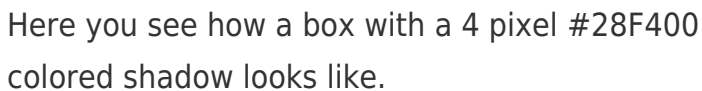
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#28F400 }
```

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

```
.border{ border-color:#28F400 }
```

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



Here you see how a box with a 4 pixel #28F400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28F400; -webkit-box-shadow:4px 4px  
4px 4px #28F400; box-shadow:4px 4px 4px  
4px #28F400 }
```

Background

The CSS property to change the background color of an element to Hex 28F400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28F400 }
```

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

```
.background{ background-color:#28F400 }
```

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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