

Converting Colors

Hex(28F708)

Have a look what the booklet for
Hex(28F708) contains.

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Color

Hex(28F708)

Conversions

Conversions Part 1

Format	Color
Hex	28F708
RGB	40, 247, 8
RGB Percent	16%, 97%, 3%
CMY	0.8431, 0.0314, 0.9686
CMYK	0.84, 0.00, 0.97, 0.03
HSL	112°, 94%, 50%
HSV	112°, 97%, 97%
XYZ	34.1797, 66.9902, 11.3587
YIQ	157.8610, -46.6530, -118.2130

Conversions

Conversions Part 2

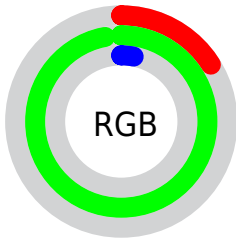
Format	Color
RYB	8, 247, 215
Decimal	2684680
CIELab	85.50, -81.94, 80.85
CIElCh	85, 115.108, 135.383
Yxy	66.9902, 0.3037, 0.5953
Android (android.graphics.Color)	4280874760 (0xFF28F708)
YUV	157.8610, -73.8815, -103.3641
Hunter-Lab	81.8475, -68.6913, 49.0651

Details

The Hex color **28F708** 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 **D708F7**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **7FFF5D**, and **00BD00** is the 20% darker color. If you saturate the color by 10%, you get **21F700**, and if you desaturate by 10%, it is **3DF721**.

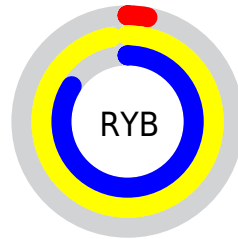
Distribution



Red (16%)

Green (97%)

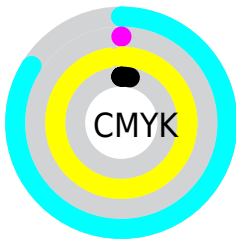
Blue (3%)



Red (3%)

Yellow (97%)

Blue (84%)

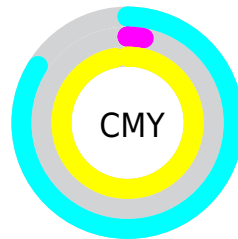


Cyan (84%)

Magenta (0%)

Yellow (97%)

Black (3%)



Cyan (84%)

Magenta (3%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28F708 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 28F708 by changing the saturation by 10% instead.

 28F708

 28F708

FFFFFF

 00DA00

 7FFF5D

 00BD00

 A2FF7B

 00A100

 C2FF99

 008500

 E3FFB6

 006A00

 FFFFD4

 005000

 FFFFF2

 003700

 001C00

 000000

 28F708

 28F708

 21F700

 3DF721

 53F739

 68F752

 7EF76B

 93F783

 A8F79C

 BEF7B5

 D3F7CE

 E9F7E6

Harmonies

Analogous

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



CDE200



28F708



00FF9A

Triad

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



28F708



00F2FF



FF44A3

Complementary

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



28F708



D708F7

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.



FF53FF



28F708



00D0FF

Square

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



28F708



00FFFF



FF99FF



FF8537

Rectangle

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



28F708



00FE7



FF99FF



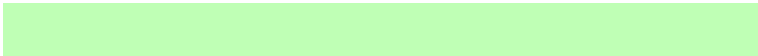
FF3AC7

Sweetspot

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



28F708



BFFFB5



F7D308



598053



000000



808080

Same Dimension

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



28F708



22FF00



08F75C



707A6E



19BA00



083B00

Inverse Universe

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



D708F7



DD00FF



F708A3



796E7A



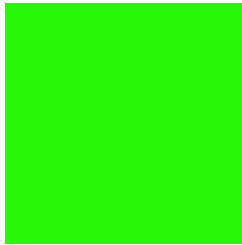
A100BA



33003B

Previews

White Background



This preview shows how the Hex color 28F708 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 28F708 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 28F708 Background



This preview shows how black text looks on a background with the Hex color 28F708.

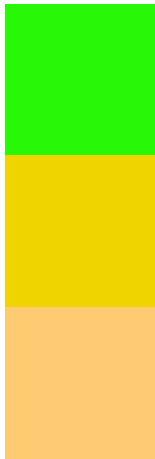


This preview shows how white text looks on a background with the Hex color 28F708.

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](#).

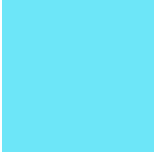
Dichromacy



Original Color
E85C3D

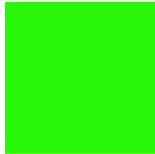
Protanopia
FDD835

Deuteranopia
D9F0A3



Tritanopia
6DE6F8

Trichromacy



Original Color
28F708



Protanomaly
A7E103



Deuteranomaly
B1DB4B



Tritanomaly
54ECA1

Monochromacy



Original Color
28F708



Achromatopsia
9E9E9E



Achromatomaly
73BE67

CSS Examples

Text

The CSS property to change the color of the text to Hex 28F708 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 #28F708 looks like.

```
.text, #text, p{  
    color:#28F708  
}
```

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 #28F708 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28F708
}
```

Border

The CSS property to change the border of an element to Hex 28F708 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
#28F708 }
```

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

```
.border{ border-color:#28F708 }
```

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

Here you see how a box with a 4 pixel #28F708 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28F708; -webkit-box-shadow:4px 4px  
4px 4px #28F708; box-shadow:4px 4px 4px  
4px #28F708 }
```

Background

The CSS property to change the background color of an element to Hex 28F708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28F708 }
```

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

```
.background{ background-color:#28F708 }
```

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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