

Converting Colors

Hex(28BF0A)

Have a look what the booklet for
Hex(28BF0A) contains.

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Color

Hex(28BF0A)

Conversions

Conversions Part 1

Format	Color
Hex	28BF0A
RGB	40, 191, 10
RGB Percent	16%, 75%, 4%
CMY	0.8431, 0.2510, 0.9608
CMYK	0.79, 0.00, 0.95, 0.25
HSL	110°, 90%, 39%
HSV	110°, 95%, 75%
XYZ	19.5607, 37.7346, 6.5397
YIQ	125.2170, -31.8950, -88.3030

Conversions

Conversions Part 2

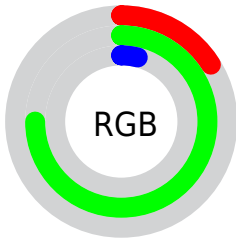
Format	Color
RYB	10, 191, 161
Decimal	2670346
CIELab	67.82, -66.11, 66.20
CIELCh	68, 93.559, 134.961
Yxy	37.7346, 0.3064, 0.5911
Android (android.graphics.Color)	4280860426 (0xFF28BF0A)
YUV	125.2170, -56.8020, -74.7353
Hunter-Lab	61.4285, -50.6602, 36.6879

Details

The Hex color **28BF0A** is a dark color, and the websafe version is hex **33CC00**. A complement of this color would be **A10ABF**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **72F952**, and **008800** is the 20% darker color. If you saturate the color by 10%, you get **20BF00**, and if you desaturate by 10%, it is **38BF1D**.

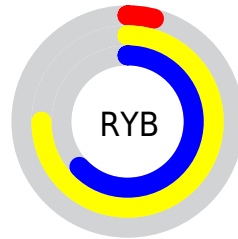
Distribution



Red (16%)

Green (75%)

Blue (4%)



Red (4%)

Yellow (75%)

Blue (63%)

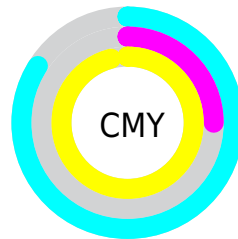


Cyan (79%)

Magenta (0%)

Yellow (95%)

Black (25%)



Cyan (84%)

Magenta (25%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28BF0A 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 28BF0A by changing the saturation by 10% instead.



28BF0A



28BF0A

FFFFFF



00A300



72F952



008800



91FF6E



006D00



B0FF8A



005300



CEFFA7



003B00



EDFFC3



002200



FFFFE0



000000

FFFFFFE



28BF0A



28BF0A

 20BF00

 38BF1D

 48BF30

 58BF43

 68BF56

 78BF6A

 88BF7D

 98BF90

 A7BFA3

 B7BFB6

Harmonies

Analogous

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



A0AF00



28BF0A



00C776

Triad

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



28BF0A



00BBFF



FF377F

Complementary

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



28BF0A



A10ABF

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.



FF43D3



28BF0A



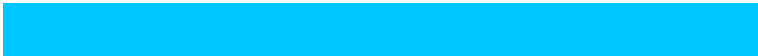
00A2FF

Square

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



28BF0A



00C7FF



DB77FF



FF672C

Rectangle

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



28BF0A



00C9B2



DB77FF



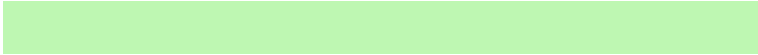
FF319B

Sweetspot

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



28BF0A



BEF7B2



BFA10A



5A7D52



FCFCFC



7D7D7D

Same Dimension

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



28BF0A



29F700



0ABF46



565E55



1A9E00



051F00

Inverse Universe

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



A10ABF



CE00F7



BF0A83



5D555E



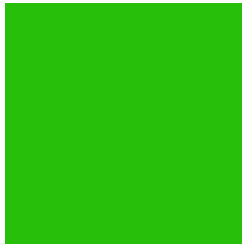
84009E



1A001F

Previews

White Background



This preview shows how the Hex color 28BF0A looks on a white background.

Color Contrast Check

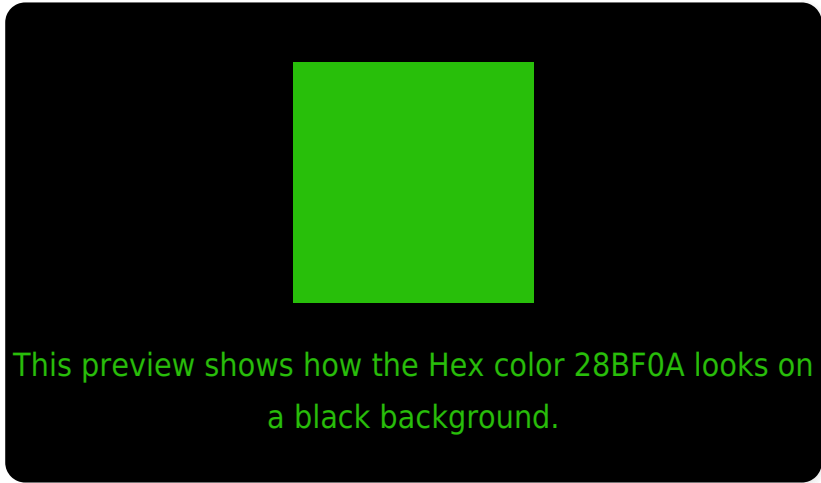
Large Text (above 18pt) WCAG AA × Fail

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 28BF0A Background



This preview shows how black text looks on a background with the Hex color 28BF0A.

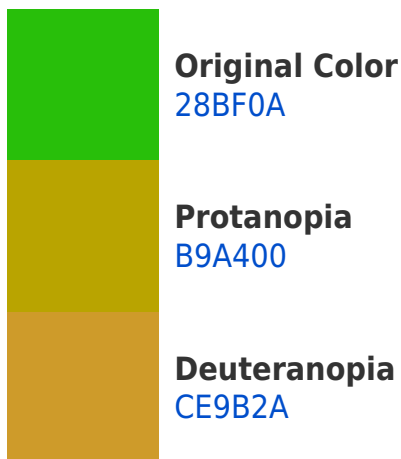


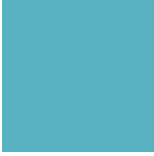
This preview shows how white text looks on a background with the Hex color 28BF0A.

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](#).

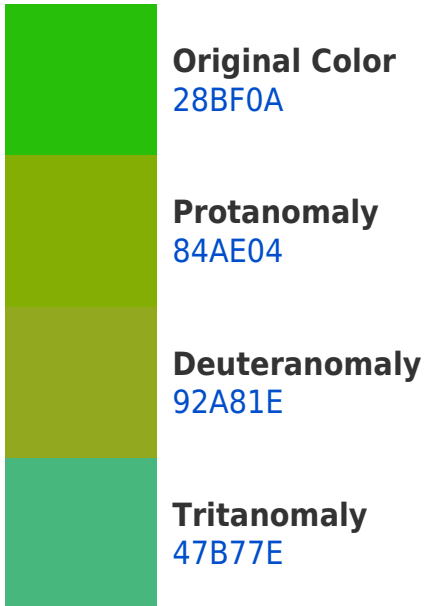
Dichromacy



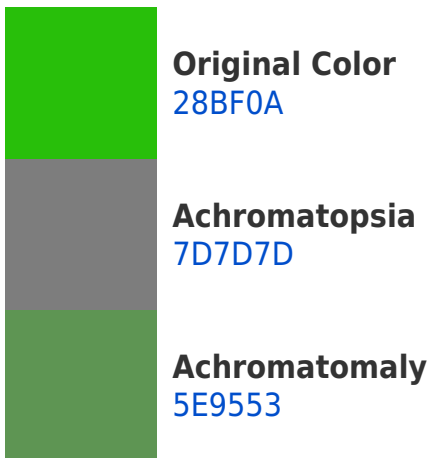


Tritanopia
58B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 28BF0A 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 #28BF0A looks like.

```
.text, #text, p{  
    color:#28BF0A  
}
```

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 #28BF0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28BF0A
}
```

Border

The CSS property to change the border of an element to Hex 28BF0A 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
#28BF0A }
```

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

```
.border{ border-color:#28BF0A }
```

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

Here you see how a box with a 4 pixel #28BF0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28BF0A; -webkit-box-shadow:4px 4px  
4px 4px #28BF0A; box-shadow:4px 4px 4px  
4px #28BF0A }
```

Background

The CSS property to change the background color of an element to Hex 28BF0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28BF0A }
```

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

```
.background{ background-color:#28BF0A }
```

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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