

Converting Colors

Hex(38BF00)

Have a look what the booklet for
Hex(38BF00) contains.

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Color

Hex(38BF00)

Conversions

Conversions Part 1

Format	Color
Hex	38BF00
RGB	56, 191, 0
RGB Percent	22%, 75%, 0%
CMY	0.7804, 0.2510, 1.0000
CMYK	0.71, 0.00, 1.00, 0.25
HSL	102°, 100%, 37%
HSV	102°, 100%, 75%
XYZ	20.2617, 38.1024, 6.2866
YIQ	128.8610, -19.1490, -88.0210

Conversions

Conversions Part 2

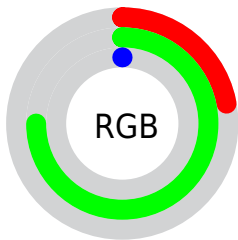
Format	Color
RYB	0, 191, 135
Decimal	3718912
CIELab	68.10, -63.80, 67.69
CIELCh	68, 93.017, 133.303
Yxy	38.1024, 0.3134, 0.5894
Android (android.graphics.Color)	4281908992 (0xFF38BF00)
YUV	128.8610, -63.5285, -63.8991
Hunter-Lab	61.7271, -49.4305, 37.1706

Details

The Hex color **38BF00** is a dark color, and the websafe version is hex **33CC00**. A complement of this color would be **8700BF**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **7BF94F**, and **008800** is the 20% darker color. If you saturate the color by 10%, you get **38BF00**, and if you desaturate by 10%, it is **45BF13**.

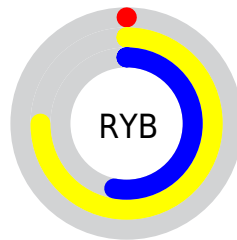
Distribution



Red (22%)

Green (75%)

Blue (0%)



Red (0%)

Yellow (75%)

Blue (53%)

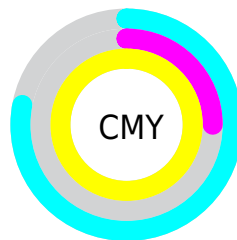


Cyan (71%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (78%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38BF00 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 38BF00 by changing the saturation by 10% instead.



38BF00



38BF00

FFFFFF



00A300



7BF94F



008800



9AFF6B



006E00



B8FF88



005400



D7FFA4



003B00



F6FFC1



002300



FFFFDE



000000



FFFFFC



38BF00

 45BF13

 53BF26

 61BF39

 6EBF4C

 7BBF60

 89BF73

 96BF86

 A4BF99

 B2BFAC

Harmonies

Analogous

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



A6AE00



38BF00



00C772

Triad

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



38BF00



00BDFE



FF3985

Complementary

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



38BF00



8700BF

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.



FF48D8



38BF00



00A4FF

Square

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



38BF00



00C8FF



D67BFF



FF6533

Rectangle

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



38BF00



00CAAD



D67BFF



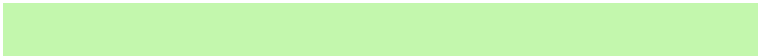
FF34A0

Sweetspot

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



38BF00



C3F7AD



BF8600



5D7D50



FCFCFC



7D7D7D

Same Dimension

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



38BF00



49F700



00BF26



585E55



2E9E00



091F00

Inverse Universe

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



8700BF



AF00F7



BF0099



5C555E



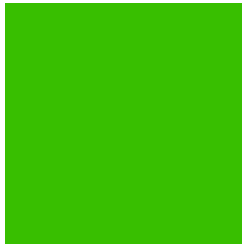
70009E



16001F

Previews

White Background



This preview shows how the Hex color 38BF00 looks on a white background.

Color Contrast Check

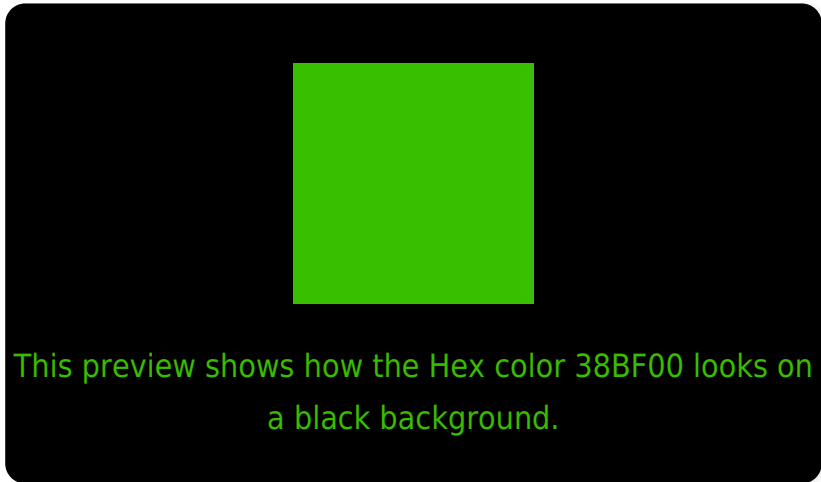
Large Text (above 18pt) WCAG AA × Fail

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

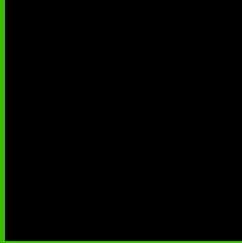
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

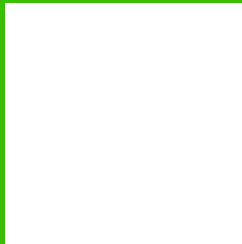
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 38BF00 Background



This preview shows how black text looks on a background with the Hex color 38BF00.

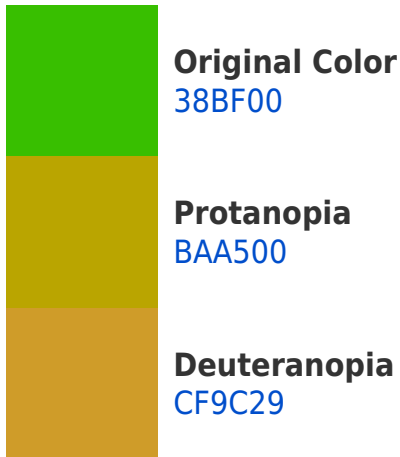


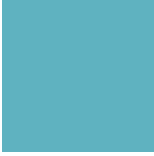
This preview shows how white text looks on a background with the Hex color 38BF00.

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
5FB2C0

Trichromacy



Original Color
38BF00



Protanomaly
8BAE00



Deuteranomaly
98A91A



Tritanomaly
51B77A

Monochromacy



Original Color
38BF00



Achromatopsia
818181



Achromatomaly
669852

CSS Examples

Text

The CSS property to change the color of the text to Hex 38BF00 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 #38BF00 looks like.

```
.text, #text, p{  
    color:#38BF00  
}
```

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 #38BF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38BF00
}
```

Border

The CSS property to change the border of an element to Hex 38BF00 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
#38BF00 }
```

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

```
.border{ border-color:#38BF00 }
```

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

Here you see how a box with a 4 pixel #38BF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38BF00; -webkit-box-shadow:4px 4px  
4px 4px #38BF00; box-shadow:4px 4px 4px  
4px #38BF00 }
```

Background

The CSS property to change the background color of an element to Hex 38BF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38BF00 }
```

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

```
.background{ background-color:#38BF00 }
```

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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