

Converting Colors

Hex(38BC10)

Have a look what the booklet for
Hex(38BC10) contains.

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Color

Hex(38BC10)

Conversions

Conversions Part 1

Format	Color
Hex	38BC10
RGB	56, 188, 16
RGB Percent	22%, 74%, 6%
CMY	0.7804, 0.2627, 0.9373
CMYK	0.70, 0.00, 0.91, 0.26
HSL	106°, 84%, 40%
HSV	106°, 91%, 74%
XYZ	19.7076, 36.8446, 6.5632
YIQ	128.9240, -23.4600, -81.4760

Conversions

Conversions Part 2

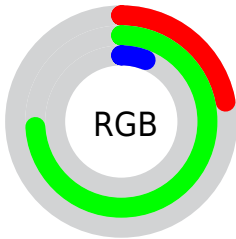
Format	Color
RYB	16, 188, 148
Decimal	3718160
CIELab	67.16, -62.51, 64.96
CIELCh	67, 90.153, 133.898
Yxy	36.8446, 0.3122, 0.5838
Android (android.graphics.Color)	4281908240 (0xFF38BC10)
YUV	128.9240, -55.6715, -63.9543
Hunter-Lab	60.6998, -48.2703, 36.0790

Details

The Hex color **38BC10** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **9410BC**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **7AF553**, and **008500** is the 20% darker color. If you saturate the color by 10%, you get **2CBC00**, and if you desaturate by 10%, it is **46BC23**.

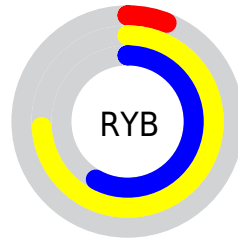
Distribution



Red (22%)

Green (74%)

Blue (6%)



Red (6%)

Yellow (74%)

Blue (58%)

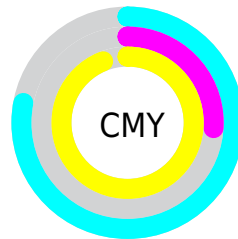


Cyan (70%)

Magenta (0%)

Yellow (91%)

Black (26%)



Cyan (78%)

Magenta (26%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38BC10 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 38BC10 by changing the saturation by 10% instead.

 38BC10

 38BC10

FFFFFF

 00A000

 7AF553

 008500

 99FF6F

 006B00

 B7FF8B

 005100

 D5FFA8

 003900

 F4FFC4

 002100

 FFFFE1

 000000

 38BC10

 38BC10

 2CBC00

 46BC23

 55BC36

 63BC48

 72BC5B

 80BC6E

 8FBC81

 9DBC94

 ABBCA6

 BABCB9

Harmonies

Analogous

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



A2AC00



38BC10



00C473

Triad

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



38BC10



00B9FF



FF3E82

Complementary

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



38BC10



9410BC

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.



FF4AD3



38BC10



00A1FF

Square

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



38BC10



00C4FF



D479FF



FF6733

Rectangle

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



38BC10



00C6AC



D479FF



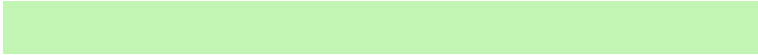
FF399D

Sweetspot

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



38BC10



C2F5B3



BC9410



5C7A53



FAFAFA



7A7A7A

Same Dimension

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



38BC10



39F500



10BC3E



575E55



259E00



071F00

Inverse Universe

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



9410BC



BC00F5



BC108E



5C555E



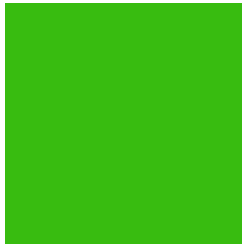
79009E



17001F

Previews

White Background



This preview shows how the Hex color 38BC10 looks on a white background.

Color Contrast Check

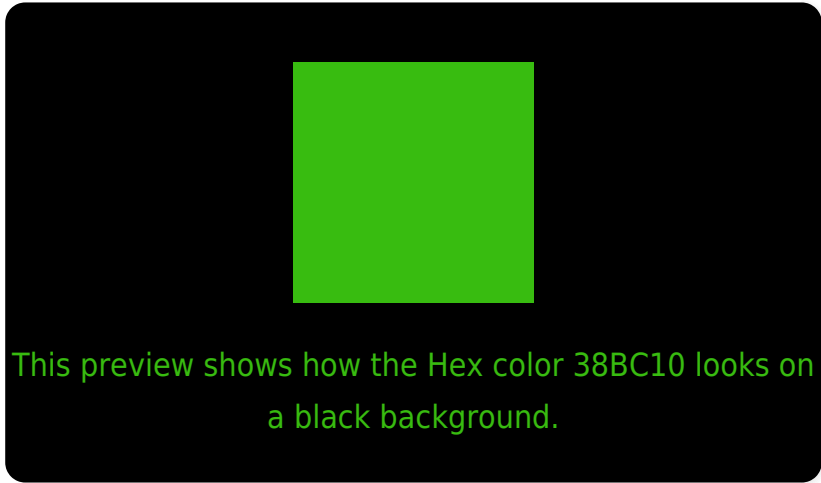
Large Text (above 18pt) WCAG AA × Fail

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 38BC10 Background



This preview shows how black text looks on a background with the Hex color 38BC10.

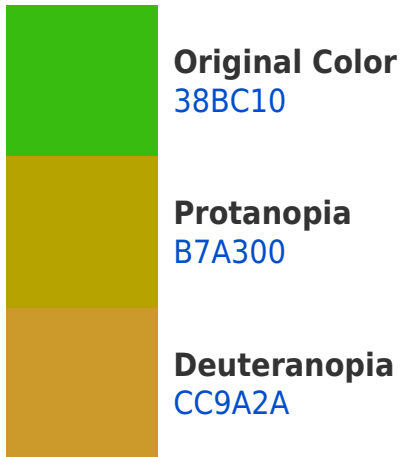


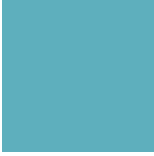
This preview shows how white text looks on a background with the Hex color 38BC10.

Color Blindness Simulation

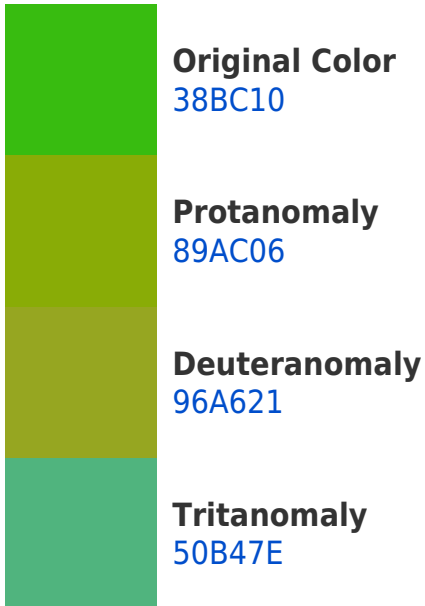
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 38BC10 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 #38BC10 looks like.

```
.text, #text, p{  
    color:#38BC10  
}
```

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 #38BC10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38BC10
}
```

Border

The CSS property to change the border of an element to Hex 38BC10 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
#38BC10 }
```

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

```
.border{ border-color:#38BC10 }
```

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

Here you see how a box with a 4 pixel #38BC10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38BC10; -webkit-box-shadow:4px 4px  
4px 4px #38BC10; box-shadow:4px 4px 4px  
4px #38BC10 }
```

Background

The CSS property to change the background color of an element to Hex 38BC10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38BC10 }
```

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

```
.background{ background-color:#38BC10 }
```

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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