

Converting Colors

Hex(38B529)

Have a look what the booklet for
Hex(38B529) contains.

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Color

Hex(38B529)

Conversions

Conversions Part 1

Format	Color
Hex	38B529
RGB	56, 181, 41
RGB Percent	22%, 71%, 16%
CMY	0.7804, 0.2902, 0.8392
CMYK	0.69, 0.00, 0.77, 0.29
HSL	114°, 63%, 44%
HSV	114°, 77%, 71%
XYZ	18.5550, 34.0486, 7.6919
YIQ	127.6650, -29.5600, -70.0400

Conversions

Conversions Part 2

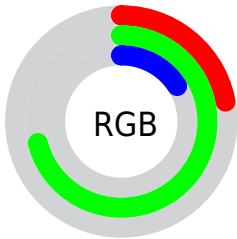
Format	Color
RYB	41, 181, 166
Decimal	3716393
CIELab	65.00, -59.09, 56.98
CIELCh	65, 82.087, 136.042
Yxy	34.0486, 0.3077, 0.5647
Android (android.graphics.Color)	4281906473 (0xFF38B529)
YUV	127.6650, -42.7258, -62.8502
Hunter-Lab	58.3512, -45.3536, 33.0302

Details

The Hex color **38B529** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A629B5**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **78EE61**, and **007F00** is the 20% darker color. If you saturate the color by 10%, you get **28B517**, and if you desaturate by 10%, it is **48B53B**.

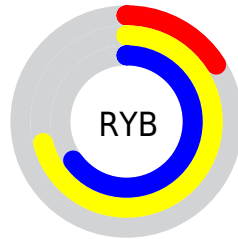
Distribution



Red (22%)

Green (71%)

Blue (16%)



Red (16%)

Yellow (71%)

Blue (65%)

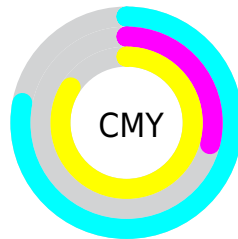


Cyan (69%)

Magenta (0%)

Yellow (77%)

Black (29%)



Cyan (78%)

Magenta (29%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38B529 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 38B529 by changing the saturation by 10% instead.



38B529



38B529

FFFFFF



009900



78EE61



007F00



96FF7C



006500



B4FF98



004B00



D2FFB4



003400



F0FFD0



001A00



FFFFED



000000



38B529



38B529



28B517



48B53B

 18B505

 58B54D

 13B500

 68B55F

 79B571

 89B584

 99B596

 A9B5A8

 B9B5BA

 C9B5CC

Harmonies

Analogous

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



99A600



38B529



00BC78

Triad

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



38B529



00B0FF



FF4B7A

Complementary

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



38B529



A629B5

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.



FF50C3



38B529



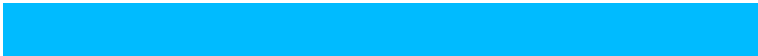
3499FF

Square

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



38B529



00BBFF



D176FF



FF6B34

Rectangle

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



38B529



00BEAB



D176FF



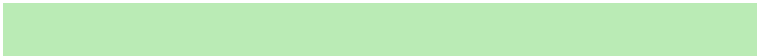
FF4792

Sweetspot

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



38B529



BAEBB5



B5A529



587554



F5F5F5



757575

Same Dimension

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



38B529



28EB10



29B55F



515950



109900



031A00

Inverse Universe

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



A629B5



D310EB



B5297F



585059



890099



17001A

Previews

White Background



This preview shows how the Hex color 38B529 looks on a white background.

Color Contrast Check

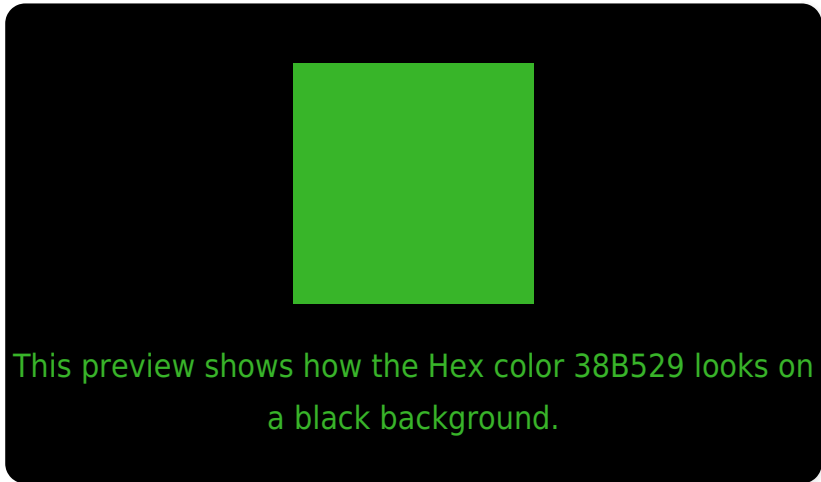
Large Text (above 18pt) WCAG AA × Fail

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

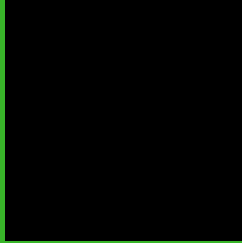
Any Text WCAG AA ✓ Pass

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 38B529 Background



This preview shows how black text looks on a background with the Hex color 38B529.

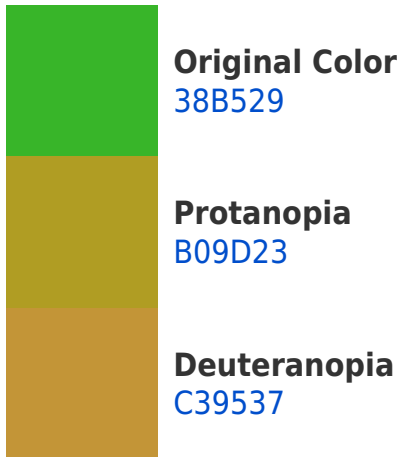


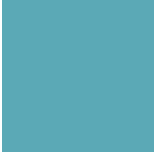
This preview shows how white text looks on a background with the Hex color 38B529.

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
5BA9B6

Trichromacy



Original Color
38B529



Protanomaly
84A625



Deuteranomaly
90A132



Tritanomaly
4EAD83

Monochromacy



Original Color
38B529



Achromatopsia
808080



Achromatomaly
669360

CSS Examples

Text

The CSS property to change the color of the text to Hex 38B529 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 #38B529 looks like.

```
.text, #text, p{  
    color:#38B529  
}
```

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 #38B529 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38B529
}
```

Border

The CSS property to change the border of an element to Hex 38B529 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
#38B529 }
```

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

```
.border{ border-color:#38B529 }
```

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

Here you see how a box with a 4 pixel #38B529 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38B529; -webkit-box-shadow:4px 4px  
4px 4px #38B529; box-shadow:4px 4px 4px  
4px #38B529 }
```

Background

The CSS property to change the background color of an element to Hex 38B529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38B529 }
```

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

```
.background{ background-color:#38B529 }
```

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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