

Converting Colors

Hex(38B969)

Have a look what the booklet for
Hex(38B969) contains.

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Color

Hex(38B969)

Conversions

Conversions Part 1

Format	Color
Hex	38B969
RGB	56, 185, 105
RGB Percent	22%, 73%, 41%
CMY	0.7804, 0.2745, 0.5882
CMYK	0.70, 0.00, 0.43, 0.27
HSL	143°, 54%, 47%
HSV	143°, 70%, 73%
XYZ	21.5297, 36.5586, 19.2864
YIQ	137.3090, -51.2040, -52.2280

Conversions

Conversions Part 2

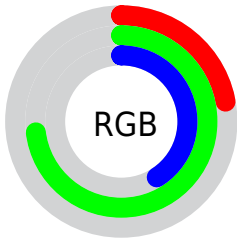
Format	Color
RYB	56, 149, 185
Decimal	3717481
CIELab	66.94, -52.73, 30.69
CIELCh	67, 61.008, 149.801
Yxy	36.5586, 0.2783, 0.4725
Android (android.graphics.Color)	4281907561 (0xFF38B969)
YUV	137.3090, -15.9283, -71.3080
Hunter-Lab	60.4637, -42.2520, 23.4126

Details

The Hex color **38B969** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B93888**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **77F29D**, and **008338** is the 20% darker color. If you saturate the color by 10%, you get **26B95E**, and if you desaturate by 10%, it is **4AB974**.

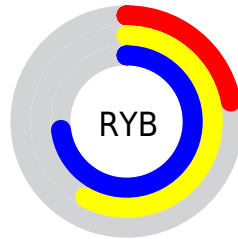
Distribution



Red (22%)

Green (73%)

Blue (41%)



Red (22%)

Yellow (58%)

Blue (73%)

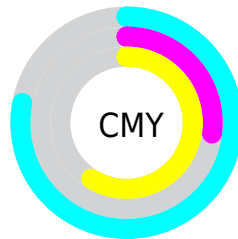


Cyan (70%)

Magenta (0%)

Yellow (43%)

Black (27%)



Cyan (78%)

Magenta (27%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38B969 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 38B969 by changing the saturation by 10% instead.

 38B969

 38B969

FFFFFF

 039D50

 77F29D

 008338

 94FFB8

 006821

 B2FFD4

 004F08

 CFFFF1

 003700

 EDFFFF

 002000

 000000

 38B969

 38B969

 26B95E

 4AB974

■ 13B952

■ 5DB980

■ 01B947

■ 70B98B

■ 00B946

■ 82B997

■ 95B9A2

■ A7B9AE

■ BAB9B9

■ CCB9C5

■ DEB9D0

Harmonies

Analogous

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



89B03C



38B969



00BDA1

Triad

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



38B969



00A9FF



FF7770

Complementary

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



38B969



B93888

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.



FF70A6



38B969



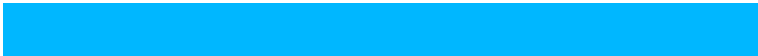
A395FF

Square

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



38B969



00B7FF



E57DDB



EB8B43

Rectangle

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



38B969



00BDC6



E57DDB



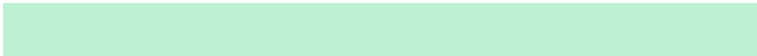
FF7281

Sweetspot

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



38B969



BDF0D0



8AB938



5A7865



F7F7F7



787878

Same Dimension

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



38B969



26F073



38B9A8



535C56



009C3B



001C0B

Inverse Universe

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



B93888



F026A3



B93849



5C5358



9C0060



1C0011

Previews

White Background



This preview shows how the Hex color 38B969 looks on a white background.

Color Contrast Check

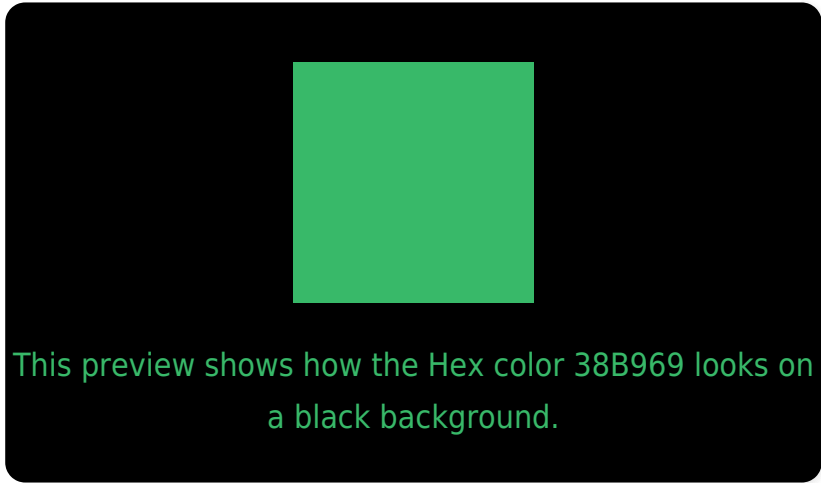
Large Text (above 18pt) WCAG AA × Fail

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

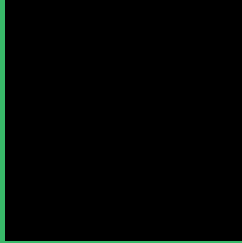
Any Text WCAG AA ✓ Pass

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 38B969 Background



This preview shows how black text looks on a background with the Hex color 38B969.



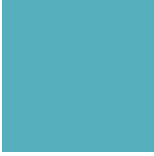
This preview shows how white text looks on a background with the Hex color 38B969.

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
56AFBD

Trichromacy



Original Color
38B969



Protanomaly
85AA63



Deuteranomaly
8FA66D



Tritanomaly
4BB39E

Monochromacy



Original Color
38B969



Achromatopsia
898989



Achromatomaly
6C9A7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 38B969 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 #38B969 looks like.

```
.text, #text, p{  
    color:#38B969  
}
```

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 #38B969 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38B969
}
```

Border

The CSS property to change the border of an element to Hex 38B969 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
#38B969 }
```

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

```
.border{ border-color:#38B969 }
```

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

Here you see how a box with a 4 pixel #38B969 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38B969; -webkit-box-shadow:4px 4px  
4px 4px #38B969; box-shadow:4px 4px 4px  
4px #38B969 }
```

Background

The CSS property to change the background color of an element to Hex 38B969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38B969 }
```

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

```
.background{ background-color:#38B969 }
```

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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