

Converting Colors

Hex(38B962)

Have a look what the booklet for
Hex(38B962) contains.

Hex(38B962)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(38B962)

Conversions

Conversions Part 1

Format	Color
Hex	38B962
RGB	56, 185, 98
RGB Percent	22%, 73%, 38%
CMY	0.7804, 0.2745, 0.6157
CMYK	0.70, 0.00, 0.47, 0.27
HSL	140°, 54%, 47%
HSV	140°, 70%, 73%
XYZ	21.1845, 36.4205, 17.4686
YIQ	136.5110, -48.9570, -54.4050

Conversions

Conversions Part 2

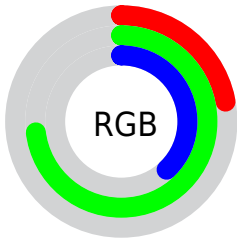
Format	Color
RYB	56, 153, 185
Decimal	3717474
CIELab	66.84, -53.92, 34.15
CIELCh	67, 63.822, 147.648
Yxy	36.4205, 0.2822, 0.4851
Android (android.graphics.Color)	4281907554 (0xFF38B962)
YUV	136.5110, -18.9859, -70.6081
Hunter-Lab	60.3494, -42.9526, 25.0826

Details

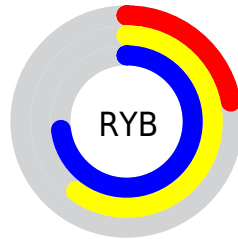
The Hex color **38B962** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B9388F**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **77F296**, and **008331** is the 20% darker color. If you saturate the color by 10%, you get **26B956**, and if you desaturate by 10%, it is **4AB96E**.

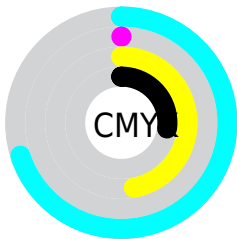
Distribution



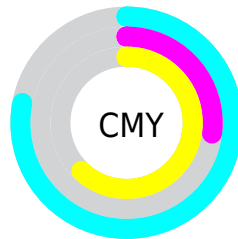
- Red (22%)
- Green (73%)
- Blue (38%)



- Red (22%)
- Yellow (60%)
- Blue (73%)



- Cyan (70%)
- Magenta (0%)
- Yellow (47%)
- Black (27%)



- Cyan (78%)
- Magenta (27%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38B962 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 38B962 by changing the saturation by 10% instead.



38B962



38B962

FFFFFF



039D49



77F296



008331



94FFB1



006819



B2FFCD



004F00



CFFFE9



003700



EDFFFF



002000



000000



38B962



38B962



26B956



4AB96E

■ 13B949

■ 5DB97B

■ 01B93D

■ 70B987

■ 00B93C

■ 82B994

■ 95B9A0

■ A7B9AD

■ BAB9B9

■ CCB9C6

■ DEB9D2

Harmonies

Analogous

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



8CAF33



38B962



00BE9C

Triad

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



38B962



00ABFF



FF7371

Complementary

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



38B962



B9388F

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.



FF6DAA



38B962



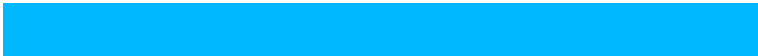
9B95FF

Square

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



38B962



00B8FF



E47CE1



F08841

Rectangle

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



38B962



00BEC4



E47CE1



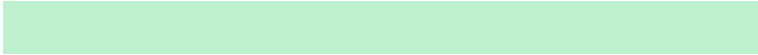
FF6E83

Sweetspot

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



38B962



BDF0CE



90B938



5A7864



F7F7F7



787878

Same Dimension

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



38B962



26F068



38B9A1



535C56



009C33



001C09

Inverse Universe

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



B9388F



F026AE



B93850



5C5359



9C0069



1C0013

Previews

White Background



This preview shows how the Hex color 38B962 looks on a white background.

Color Contrast Check

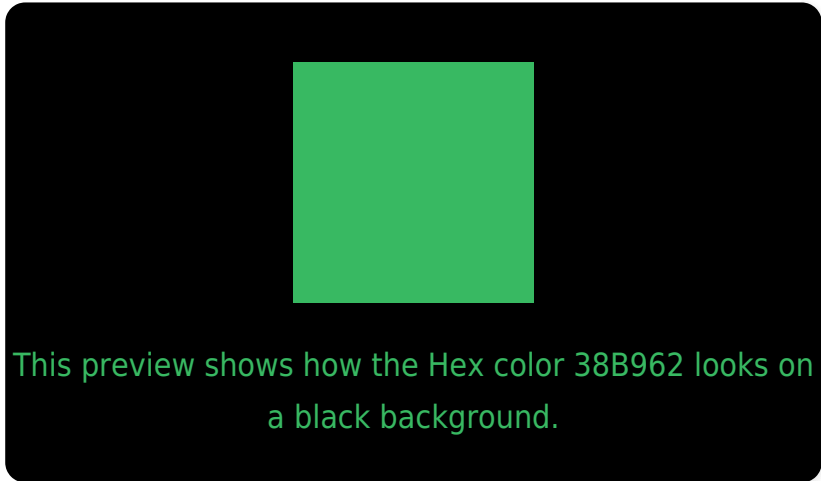
Large Text (above 18pt) WCAG AA × Fail

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

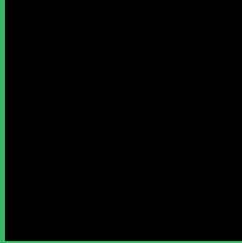
Any Text WCAG AA ✓ Pass

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 38B962 Background



This preview shows how black text looks on a background with the Hex color 38B962.

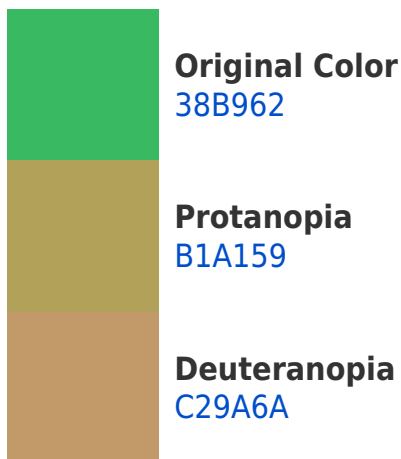


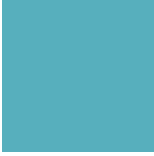
This preview shows how white text looks on a background with the Hex color 38B962.

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
57AFBD

Trichromacy



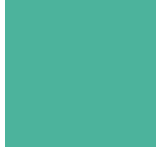
Original Color
38B962



Protanomaly
85AA5C



Deuteranomaly
90A567



Tritanomaly
4CB39C

Monochromacy



Original Color
38B962



Achromatopsia
898989



Achromatomaly
6C9A7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 38B962 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 #38B962 looks like.

```
.text, #text, p{  
    color:#38B962  
}
```

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 #38B962 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38B962
}
```

Border

The CSS property to change the border of an element to Hex 38B962 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
#38B962 }
```

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

```
.border{ border-color:#38B962 }
```

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

Here you see how a box with a 4 pixel #38B962 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38B962; -webkit-box-shadow:4px 4px  
4px 4px #38B962; box-shadow:4px 4px 4px  
4px #38B962 }
```

Background

The CSS property to change the background color of an element to Hex 38B962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38B962 }
```

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

```
.background{ background-color:#38B962 }
```

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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