

# Converting Colors

Hex(38CF69)

Have a look what the booklet for  
Hex(38CF69) contains.

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**Color**

**Hex(38CF69)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38CF69
RGB	56, 207, 105
RGB Percent	22%, 81%, 41%
CMY	0.7804, 0.1882, 0.5882
CMYK	0.73, 0.00, 0.49, 0.19
HSL	139°, 61%, 52%
HSV	139°, 73%, 81%
XYZ	26.4935, 46.4863, 20.9410
YIQ	150.2230, -57.2540, -63.7340

# Conversions

## Conversions Part 2

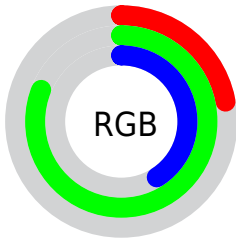
Format	Color
<a href="#">RYB</a>	<a href="#">56, 170, 207</a>
Decimal	<a href="#">3723113</a>
CIELab	<a href="#">73.86, -60.71, 39.49</a>
CIELCh	<a href="#">74, 72.423, 146.961</a>
Yxy	<a href="#">46.4863, 0.2821, 0.4950</a>
Android (android.graphics.Color)	<a href="#">4281913193</a> ( <a href="#">0xFF38CF69</a> )
YUV	<a href="#">150.2230, -22.2949, -82.6336</a>
Hunter-Lab	<a href="#">68.1809, -49.9556, 29.5163</a>

# Details

The Hex color **38CF69** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **CF389E**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **7BFF9E**, and **009737** is the 20% darker color. If you saturate the color by 10%, you get **23CF5B**, and if you desaturate by 10%, it is **4DCF77**.

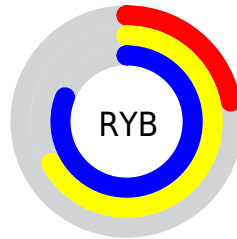
# Distribution



Red (22%)

Green (81%)

Blue (41%)



Red (22%)

Yellow (67%)

Blue (81%)

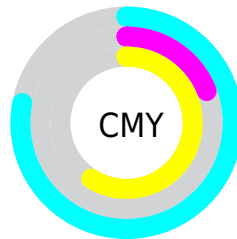


Cyan (73%)

Magenta (0%)

Yellow (49%)

Black (19%)



Cyan (78%)

Magenta (19%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38CF69 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 38CF69 by changing the saturation by 10% instead.





38CF69



38CF69

FFFFFF



00B350



7BFF9E



009737



9AFFB9



007C1D



B8FFD5



006200



D6FFF2



004900



F5FFFF



003200



001600



000000



38CF69



38CF69

 23CF5B

 4DCF77

 0FCF4D

 61CF85

 00CF43

 76CF93

 8BCFA1

 9FCFAF

 B4CFBD

 C9CFCB

 DECFD9

 F2CFE7

# Harmonies

## Analogous

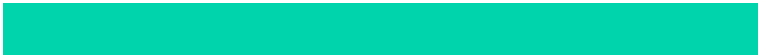
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9CC331



38CF69



00D4AC

# Triad

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



38CF69



00BFFF



FF7C7D

# Complementary

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



38CF69



CF389E

# 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.



FF75BF



38CF69



A9A7FF

# Square

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



38CF69



00CEFF



FF89FF



FF9644

# Rectangle

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



38CF69



00D5DA



FF89FF



FF7793

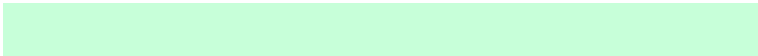


# Sweetspot

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



38CF69



C7FFD9



9FCF38



5E8069



000000



808080



# Same Dimension

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



38CF69



1FFF67



38CFB3



5E6961



00A837



00290D



# Inverse Universe

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



CF389E



FF1FB6



CF3854



695E65



A80072



29001C



# Previews

## White Background



This preview shows how the Hex color 38CF69 looks on a white background.

## Color Contrast Check

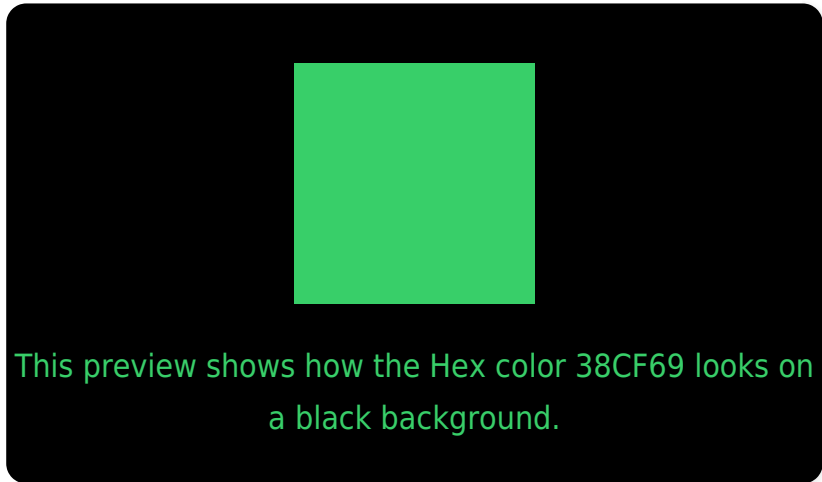
Large Text (above 18pt) WCAG AA × Fail

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

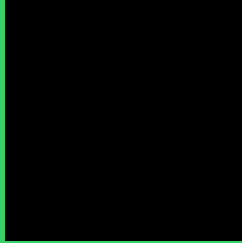
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 38CF69 Background



This preview shows how black text looks on a background with the Hex color 38CF69.

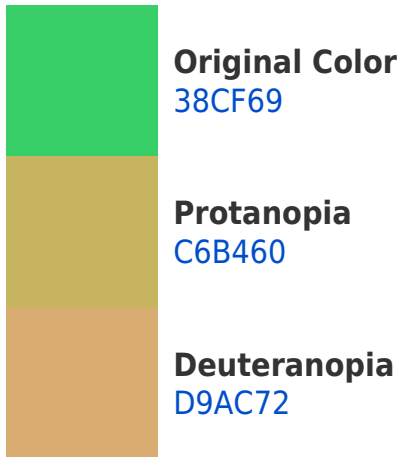


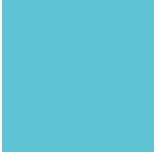
This preview shows how white text looks on a background with the Hex color 38CF69.

# 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**  
5EC3D3

# Trichromacy



**Original Color**  
38CF69



**Protanomaly**  
92BE63



**Deuteranomaly**  
9EB96F



**Tritanomaly**  
50C7AC

# Monochromacy



**Original Color**  
38CF69



**Achromatopsia**  
969696



**Achromatomaly**  
74AB86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38CF69 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 #38CF69 looks like.

```
.text, #text, p{  
    color:#38CF69  
}
```

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 #38CF69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38CF69
}
```

## Border

The CSS property to change the border of an element to Hex 38CF69 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
#38CF69 }
```

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

```
.border{ border-color:#38CF69 }
```

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

Here you see how a box with a 4 pixel #38CF69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38CF69; -webkit-box-shadow:4px 4px  
4px 4px #38CF69; box-shadow:4px 4px 4px  
4px #38CF69 }
```

# Background

The CSS property to change the background color of an element to Hex 38CF69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38CF69 }
```

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

```
.background{ background-color:#38CF69 }
```

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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