

# Converting Colors

Hex(369C48)

Have a look what the booklet for  
Hex(369C48) contains.

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# Color

Hex(369C48)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 369C48                       |
| RGB         | 54, 156, 72                  |
| RGB Percent | 21%, 61%, 28%                |
| CMY         | 0.7882, 0.3882, 0.7176       |
| CMYK        | 0.65, 0.00, 0.54, 0.39       |
| HSL         | 131°, 49%, 41%               |
| HSV         | 131°, 65%, 61%               |
| XYZ         | 14.5795, 25.0291, 10.1936    |
| YIQ         | 115.9260, -33.8280, -47.7480 |

# Conversions

## Conversions Part 2

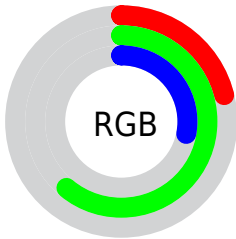
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 54, 141, 156                    |
| Decimal                             | 3578952                         |
| CIELab                              | 57.10, -47.45, 35.23            |
| CIELCh                              | 57, 59.097, 143.410             |
| Yxy                                 | 25.0291, 0.2927,<br>0.5026      |
| Android<br>(android.graphics.Color) | 4281769032<br>(0xFF369C48)      |
| YUV                                 | 115.9260, -21.6555,<br>-54.3091 |
| Hunter-Lab                          | 50.0291, -35.5324,<br>22.9398   |

# Details

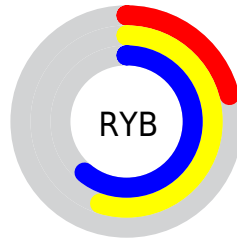
The Hex color **369C48** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9C368A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **70D37A**, and **006717** is the 20% darker color. If you saturate the color by 10%, you get **269C3B**, and if you desaturate by 10%, it is **469C55**.

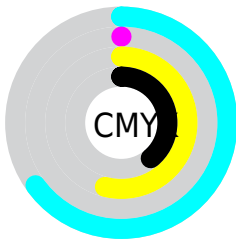
# Distribution



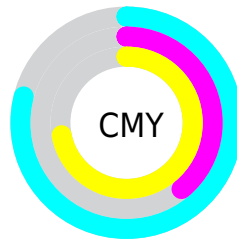
- Red (21%)
- Green (61%)
- Blue (28%)



- Red (21%)
- Yellow (55%)
- Blue (61%)



- Cyan (65%)
- Magenta (0%)
- Yellow (54%)
- Black (39%)



- Cyan (79%)
- Magenta (39%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 369C48 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 369C48 by changing the saturation by 10% instead.



 369C48

 369C48

FFFFFF

 0E8130

 70D37A

 006717

 8DF095

 004E00

 A9FFB0

 003600

 C6FFCC

 002000

 E3FFE8

 000000

 369C48

 369C48

 269C3B

 469C55

 179C2E

 559C62

079C21

659C6F

009C1C

749C7B

849C88

949C95

A39CA2

B39CAF

C29CBC

# Harmonies

## Analogous

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



7C921E



369C48



00A17C

# Triad

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



369C48



0092F0



E55B63

# Complementary

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



369C48



9C368A

# 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.



E05897



369C48



7480E8

# Square

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



369C48



009DDB



BC69C7



D26E36

# Rectangle

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



369C48



00A29F



BC69C7



E65774



# Sweetspot

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



369C48



A3CCAA



8B9C36



4E6652



E6E6E6



666666



# Same Dimension

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



369C48



2DCC49



369C7A



474F49



008F19



000F03



# Inverse Universe

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



9C368A



CC2DB0



9C3658



4F474E



8F0076



0F000D



# Previews

## White Background



This preview shows how the Hex color 369C48 looks on a white background.

## Color Contrast Check

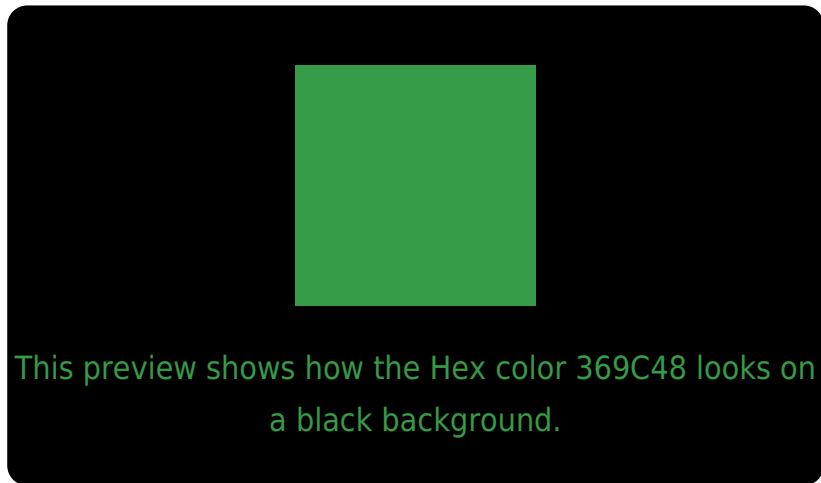
Large Text (above 18pt) WCAG AA ✓ Pass

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

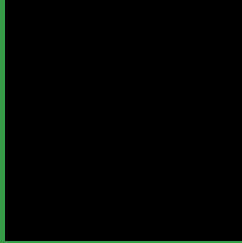
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 369C48 Background



This preview shows how black text looks on a background with the Hex color 369C48.

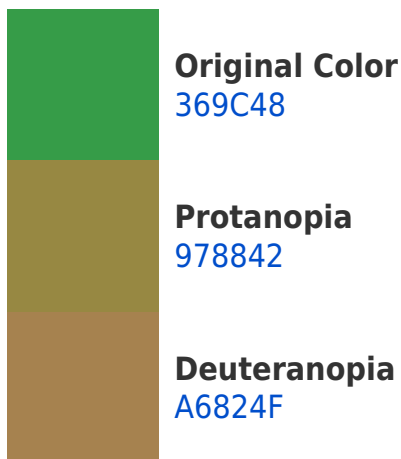



This preview shows how white text looks on a background with the Hex color 369C48.

# 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**  
4F939F

# Trichromacy



**Original Color**  
369C48



**Protanomaly**  
748F44



**Deuteranomaly**  
7D8B4C



**Tritanomaly**  
46967F

# Monochromacy



**Original Color**  
369C48



**Achromatopsia**  
747474



**Achromatomaly**  
5D8364

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 369C48 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 #369C48 looks like.

```
.text, #text, p{  
    color:#369C48  
}
```

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 #369C48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #369C48
}
```

## Border

The CSS property to change the border of an element to Hex 369C48 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
#369C48 }
```

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

```
.border{ border-color:#369C48 }
```

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

Here you see how a box with a 4 pixel #369C48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #369C48; -webkit-box-shadow:4px 4px  
4px 4px #369C48; box-shadow:4px 4px 4px  
4px #369C48 }
```

# Background

The CSS property to change the background color of an element to Hex 369C48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#369C48 }
```

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

```
.background{ background-color:#369C48 }
```

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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