

Converting Colors

Hex(3C9146)

Have a look what the booklet for
Hex(3C9146) contains.

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Color

Hex(3C9146)

Conversions

Conversions Part 1

Format	Color
Hex	3C9146
RGB	60, 145, 70
RGB Percent	24%, 57%, 27%
CMY	0.7647, 0.4314, 0.7255
CMYK	0.59, 0.00, 0.52, 0.43
HSL	127°, 41%, 40%
HSV	127°, 59%, 57%
XYZ	13.0944, 21.6537, 9.2838
YIQ	111.0350, -26.5850, -41.3450

Conversions

Conversions Part 2

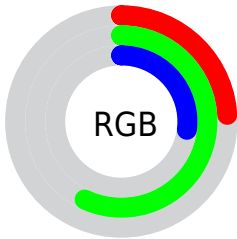
Format	Color
RYB	60, 136, 145
Decimal	3969350
CIELab	53.66, -42.01, 32.07
CIELCh	54, 52.854, 142.641
Yxy	21.6537, 0.2974, 0.4918
Android (android.graphics.Color)	4282159430 (0xFF3C9146)
YUV	111.0350, -20.2303, -44.7577
Hunter-Lab	46.5335, -31.2043, 20.7446

Details

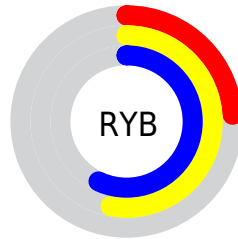
The Hex color **3C9146** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **913C87**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **73C878**, and **005D16** is the 20% darker color. If you saturate the color by 10%, you get **2D9139**, and if you desaturate by 10%, it is **4B9153**.

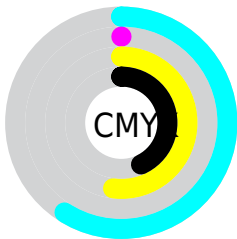
Distribution



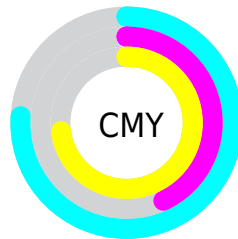
- Red (24%)
- Green (57%)
- Blue (27%)



- Red (24%)
- Yellow (53%)
- Blue (57%)



- Cyan (59%)
- Magenta (0%)
- Yellow (52%)
- Black (43%)



- Cyan (76%)
- Magenta (43%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C9146 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 3C9146 by changing the saturation by 10% instead.

 3C9146

 3C9146

FFFFFF

 1D772E

 73C878

 005D16

 8FE492

 004500

 ABFFAD

 002E00

 C7FFC9

 001500

 E4FFE5

 000000

 3C9146

 3C9146

 2D9139

 4B9153

 1F912C

 599160

■ 119120

■ 68916C

■ 029113

■ 769179

■ 009111

■ 859186

■ 939193

■ A291A0

■ B091AC

■ BF91B9

Harmonies

Analogous

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



778824



3C9146



009573

Triad

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



3C9146



0089DB



D25860

Complementary

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



3C9146



913C87

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.



CD578D



3C9146



6D79D5

Square

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



3C9146



0092C8



AD65B8



C26838

Rectangle

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



3C9146



009693



AD65B8



D3566F

Sweetspot

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



3C9146



9BBD9F



87913C



4A5E4C



DEDEDE



5E5E5E

Same Dimension

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



3C9146



39BD48



3C9170



404741



008710



000801

Inverse Universe

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



913C87



BD39AD



913C5D



474047



870077



080007

Previews

White Background



This preview shows how the Hex color 3C9146 looks on a white background.

Color Contrast Check

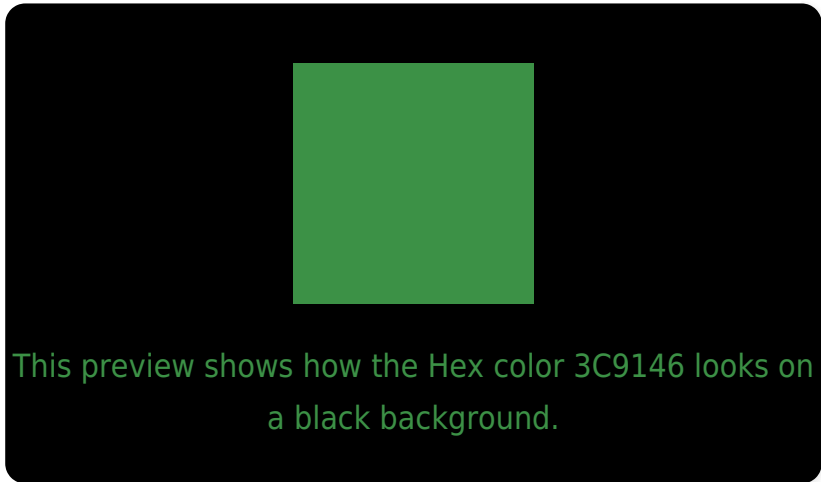
Large Text (above 18pt) WCAG AA ✓ Pass

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

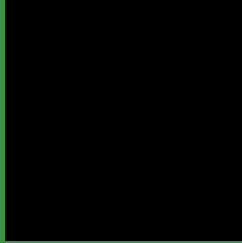
Any Text WCAG AA ✓ Pass

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 3C9146 Background



This preview shows how black text looks on a background with the Hex color 3C9146.

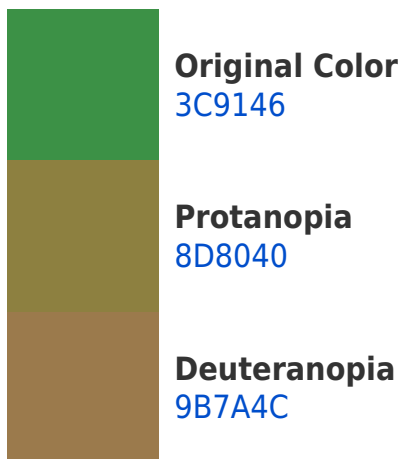


This preview shows how white text looks on a background with the Hex color 3C9146.

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](#).

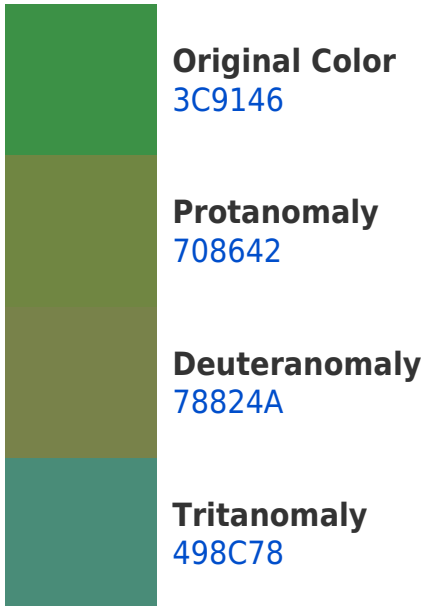
Dichromacy



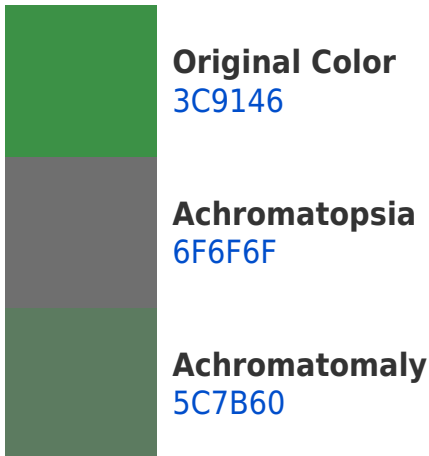


Tritanopia
508994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C9146 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 #3C9146 looks like.

```
.text, #text, p{  
    color:#3C9146  
}
```

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 #3C9146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C9146
}
```

Border

The CSS property to change the border of an element to Hex 3C9146 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
#3C9146 }
```

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

```
.border{ border-color:#3C9146 }
```

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

Here you see how a box with a 4 pixel #3C9146 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C9146; -webkit-box-shadow:4px 4px  
4px 4px #3C9146; box-shadow:4px 4px 4px  
4px #3C9146 }
```

Background

The CSS property to change the background color of an element to Hex 3C9146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C9146 }
```

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

```
.background{ background-color:#3C9146 }
```

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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