

# Converting Colors

Hex(C5F367)

Have a look what the booklet for  
Hex(C5F367) contains.

<b>Hex(C5F367)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(C5F367)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5F367
RGB	197, 243, 103
RGB Percent	77%, 95%, 40%
CMY	0.2275, 0.0471, 0.5961
CMYK	0.19, 0.00, 0.58, 0.05
HSL	80°, 85%, 68%
HSV	80°, 58%, 95%
XYZ	57.5247, 76.9508, 24.6531
YIQ	213.2860, 17.5240, -53.2920

# Conversions

## Conversions Part 2

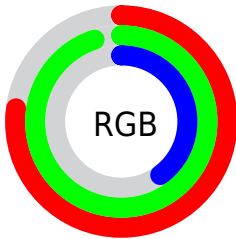
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">103, 243, 149</a>
Decimal	<a href="#">12972903</a>
<a href="#">CIELab</a>	<a href="#">90.30, -35.25, 61.38</a>
<a href="#">CIElCh</a>	<a href="#">90, 70.777, 119.869</a>
<a href="#">Yxy</a>	<a href="#">76.9508, 0.3615, 0.4836</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4291162983 (0xFFC5F367)</a>
<a href="#">YUV</a>	<a href="#">213.2860, -54.3710, -14.2828</a>
<a href="#">Hunter-Lab</a>	<a href="#">87.7216, -36.4588, 44.7424</a>

# Details

The Hex color **C5F367** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9567F3**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFF9E**, and **8CBB2F** is the 20% darker color. If you saturate the color by 10%, you get **BDF34F**, and if you desaturate by 10%, it is **CDF37F**.

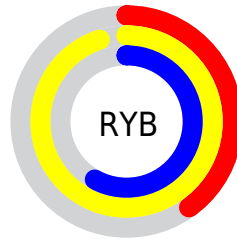
# Distribution



Red (77%)

Green (95%)

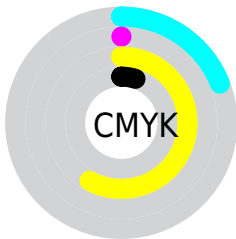
Blue (40%)



Red (40%)

Yellow (95%)

Blue (58%)

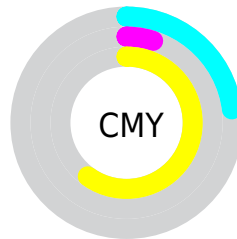


Cyan (19%)

Magenta (0%)

Yellow (58%)

Black (5%)



Cyan (23%)

Magenta (5%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5F367 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 C5F367 by changing the saturation by 10% instead.



 C5F367

FFFFFF

 FFFF9E

 FFFFBA

 FFFFD7

 FFFFF4

 C5F367

 A8D64C

 8CBB2F

 70A008

 558500

 396C00

 1C5300

 003B00

 002600

 000200

 C5F367

 C5F367

 BDF34F

 CDF37F

 B5F336

 D5F398

 ADF31E

 DDF3B0

 A5F306

 E5F3C8

 A3F300

 EDF3E0

 F5F3F9

 FDF3FF

 FFF3FF

# Harmonies

## Analogous

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



FFE054



C5F367



68FF9C

# Triad

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



C5F367



00FCFF



FFA7E6

# Complementary

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



C5F367



9567F3

# 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.



FFB6FF



C5F367



4CEBFF

# Square

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



C5F367



00FFFF



E5D2FF



FFAFA4

# Rectangle

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



C5F367



00FFC9



E5D2FF



FFAAFD



# Sweetspot

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



C5F367



F1FFD4



F39367



778066



000000



808080



# Same Dimension

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



C5F367



C5FF4F



81F367



767A6E



7DBA00



273B00



# Inverse Universe

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



9567F3



894FFF



D967F3



726E7A



3D00BA

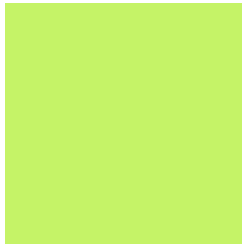


13003B



# Previews

## White Background



This preview shows how the Hex color C5F367 looks on a white background.

## Color Contrast Check

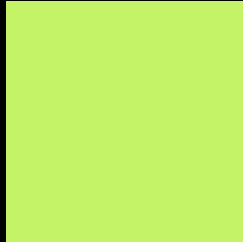
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color C5F367 looks on a 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 C5F367 Background



This preview shows how black text looks on a background with the Hex color C5F367.

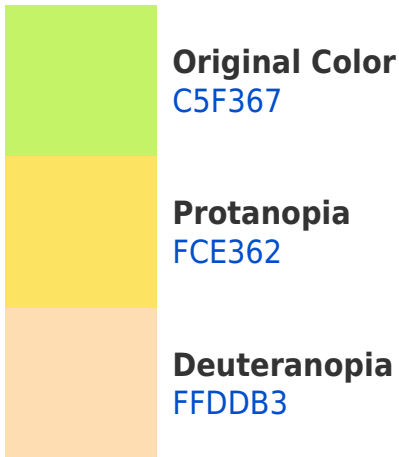


This preview shows how white text looks on a background with the Hex color C5F367.

# 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](#).

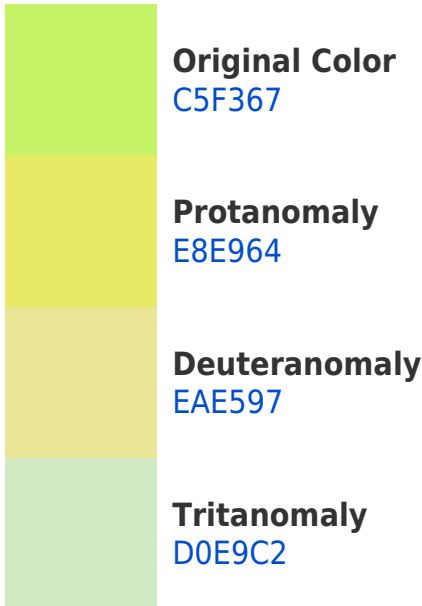
## Dichromacy



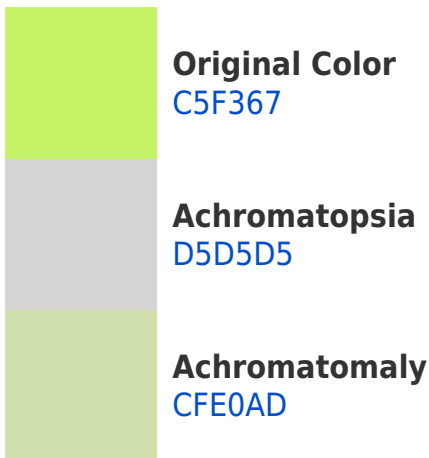


**Tritanopia**  
D7E4F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5F367 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 #C5F367 looks like.

```
.text, #text, p{  
    color:#C5F367  
}
```

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 #C5F367 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5F367
}
```

## Border

The CSS property to change the border of an element to Hex C5F367 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
#C5F367 }
```

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

```
.border{ border-color:#C5F367 }
```

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

Here you see how a box with a 4 pixel #C5F367 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5F367; -webkit-box-shadow:4px 4px  
4px 4px #C5F367; box-shadow:4px 4px 4px  
4px #C5F367 }
```

# Background

The CSS property to change the background color of an element to Hex C5F367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5F367 }
```

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

```
.background{ background-color:#C5F367 }
```

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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