

# Converting Colors

Hex(35C018)

Have a look what the booklet for  
Hex(35C018) contains.

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**Color**

**Hex(35C018)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	35C018
RGB	53, 192, 24
RGB Percent	21%, 75%, 9%
CMY	0.7922, 0.2471, 0.9059
CMYK	0.72, 0.00, 0.88, 0.25
HSL	110°, 78%, 42%
HSV	110°, 88%, 75%
XYZ	20.4827, 38.5221, 7.2201
YIQ	131.2870, -28.9160, -81.7160

# Conversions

## Conversions Part 2

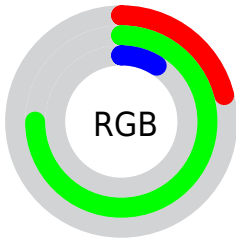
Format	Color
<a href="#">RYB</a>	<a href="#">24, 192, 163</a>
Decimal	<a href="#">3522584</a>
CIELab	<a href="#">68.40, -64.04, 64.57</a>
CIELCh	<a href="#">68, 90.943, 134.763</a>
Yxy	<a href="#">38.5221, 0.3093, 0.5817</a>
Android (android.graphics.Color)	<a href="#">4281712664 (0xFF35C018)</a>
YUV	<a href="#">131.2870, -52.8925, -68.6577</a>
Hunter-Lab	<a href="#">62.0662, -49.7083, 36.5492</a>

# Details

The Hex color **35C018** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark washed green. A complement of this color would be **A318C0**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **79FA58**, and **008900** is the 20% darker color. If you saturate the color by 10%, you get **25C005**, and if you desaturate by 10%, it is **45C02B**.

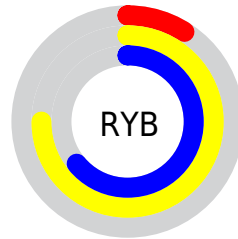
# Distribution



Red (21%)

Green (75%)

Blue (9%)



Red (9%)

Yellow (75%)

Blue (64%)

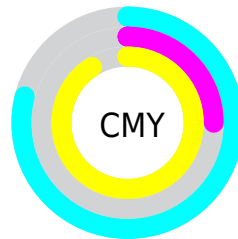


Cyan (72%)

Magenta (0%)

Yellow (88%)

Black (25%)



Cyan (79%)

Magenta (25%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35C018 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 35C018 by changing the saturation by 10% instead.



 35C018

 35C018

FFFFFF

 00A400

 79FA58

 008900

 98FF74

 006E00

 B6FF90

 005500

 D5FFAC

 003C00

 F3FFC9

 002400

 FFFFE6

 000000

 35C018

 35C018

 25C005

 45C02B

 21C000

 55C03E

 65C052

 75C065

 84C078

 94C08B

 A4C09E

 B4C0B2

 C4C0C5

# Harmonies

## Analogous

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



A4B000



35C018



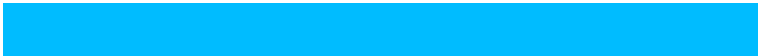
00C878

# Triad

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



35C018



00BCFF



FF4282

# Complementary

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



35C018



A318C0

# 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.



FF4CD4



35C018



00A3FF

# Square

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



35C018



00C8FF



DB7BFF



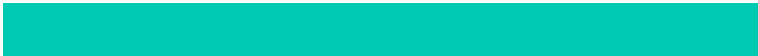
FF6B33

# Rectangle

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



35C018



00CAB2



DB7BFF



FF3D9D

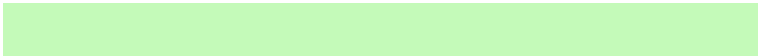


# Sweetspot

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



35C018



C4FAB9



C0A118



5D7D56



FCFCFC



7D7D7D



# Same Dimension

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



35C018



2BFA00



18C04D



596157



1CA100



062100



# Inverse Universe

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



A318C0



CF00FA



C0188B



5F5761



8500A1

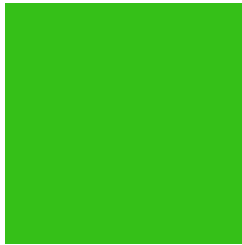


1B0021



# Previews

## White Background



This preview shows how the Hex color 35C018 looks on a white background.

## Color Contrast Check

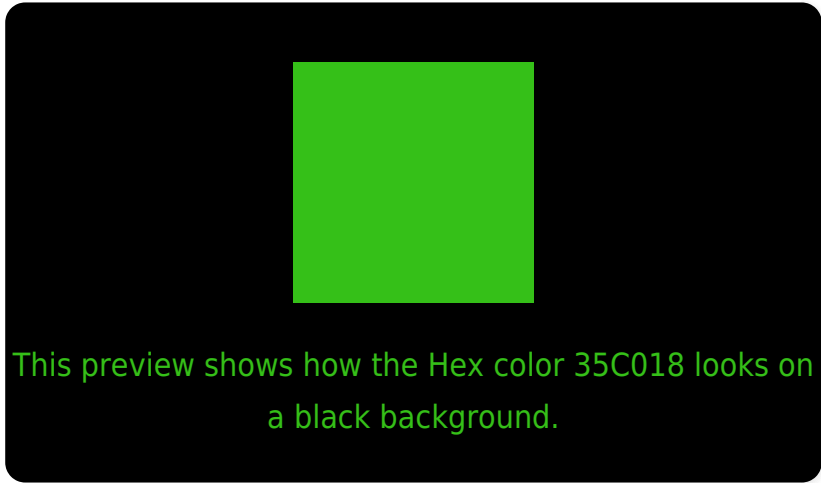
Large Text (above 18pt) WCAG AA × Fail

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

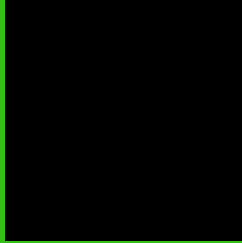
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 35C018 Background



This preview shows how black text looks on a background with the Hex color 35C018.

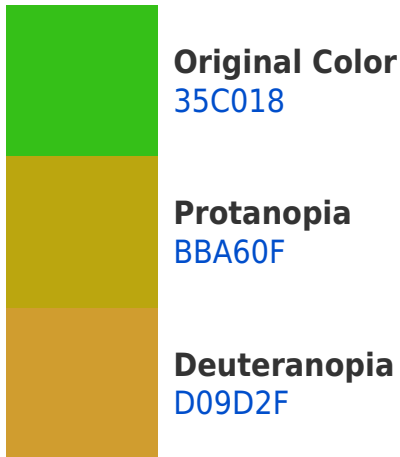


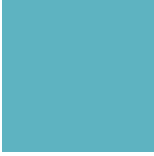
This preview shows how white text looks on a background with the Hex color 35C018.

# 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](#).

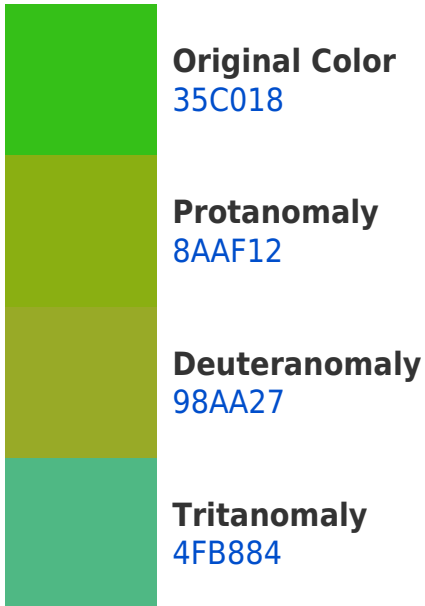
## Dichromacy



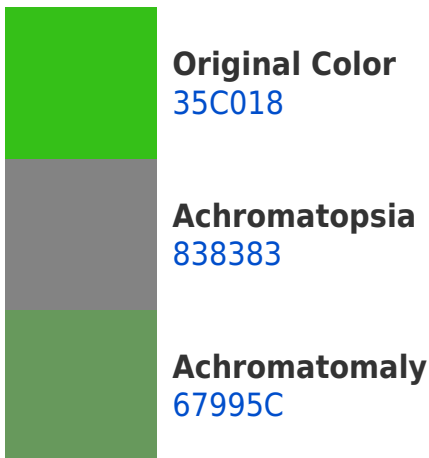


**Tritanopia**  
5EB3C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35C018 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 #35C018 looks like.

```
.text, #text, p{  
    color:#35C018  
}
```

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 #35C018 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35C018
}
```

## Border

The CSS property to change the border of an element to Hex 35C018 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
#35C018 }
```

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

```
.border{ border-color:#35C018 }
```

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

Here you see how a box with a 4 pixel #35C018 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35C018; -webkit-box-shadow:4px 4px  
4px 4px #35C018; box-shadow:4px 4px 4px  
4px #35C018 }
```

# Background

The CSS property to change the background color of an element to Hex 35C018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35C018 }
```

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

```
.background{ background-color:#35C018 }
```

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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