

# Converting Colors

Hex(5CB013)

Have a look what the booklet for  
Hex(5CB013) contains.

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**Color**

**Hex(5CB013)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CB013
RGB	92, 176, 19
RGB Percent	36%, 69%, 7%
CMY	0.6392, 0.3098, 0.9255
CMYK	0.48, 0.00, 0.89, 0.31
HSL	92°, 81%, 38%
HSV	92°, 89%, 69%
XYZ	20.0565, 33.3730, 6.0006
YIQ	132.9860, 0.3330, -66.6350

# Conversions

## Conversions Part 2

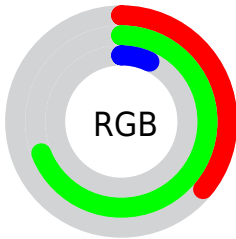
Format	Color
<a href="#">RYB</a>	<a href="#">19, 176, 103</a>
Decimal	<a href="#">6074387</a>
CIELab	<a href="#">64.46, -49.14, 62.62</a>
CIELCh	<a href="#">64, 79.599, 128.126</a>
Yxy	<a href="#">33.3730, 0.3375, 0.5615</a>
Android (android.graphics.Color)	<a href="#">4284264467 (0xFF5CB013)</a>
YUV	<a href="#">132.9860, -56.1951, -35.9447</a>
Hunter-Lab	<a href="#">57.7694, -39.1243, 34.2800</a>

# Details

The Hex color **5CB013** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6713B0**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **96E853**, and **1A7B00** is the 20% darker color. If you saturate the color by 10%, you get **53B001**, and if you desaturate by 10%, it is **65B025**.

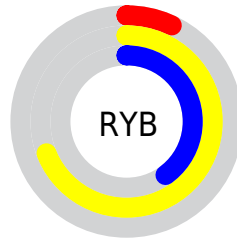
# Distribution



Red (36%)

Green (69%)

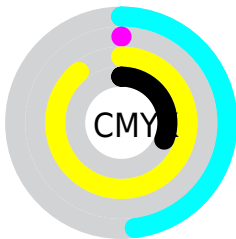
Blue (7%)



Red (7%)

Yellow (69%)

Blue (40%)

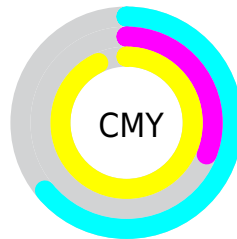


Cyan (48%)

Magenta (0%)

Yellow (89%)

Black (31%)



Cyan (64%)

Magenta (31%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CB013 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 5CB013 by changing the saturation by 10% instead.



 5CB013

 5CB013

FFFFFF

 3E9500

 96E853

 1A7B00

 B3FF6E

 006100

 D0FF8A

 004800

 EEFFA6

 003100

 FFFFC3

 001800

 FFFFEO

 000000

 FFFFFD

 5CB013

 5CB013

■ 53B001

■ 65B025

■ 52B000

■ 6FB036

■ 78B048

■ 82B059

■ 8BB06B

■ 94B07D

■ 9EB08E

■ A7B0A0

■ B1B0B1

# Harmonies

## Analogous

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



AA9F00



5CB013



00B964

# Triad

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



5CB013



00B2FF



FF4B8C

# Complementary

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



5CB013



6713B0

# 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.



FF5BD3



5CB013



009FFF

# Square

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



5CB013



00BBF3



B580FF



FF6348

# Rectangle

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



5CB013



00BB96



B580FF



FF4BA4



# Sweetspot

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



5CB013



C4E6A8



B06713



5F734E



F2F2F2



737373



# Same Dimension

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



5CB013



6BE600



13B018



545950



479900



0C1A00



# Inverse Universe

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



6713B0



7B00E6



B013AB



555059



520099



0E001A



# Previews

## White Background



This preview shows how the Hex color 5CB013 looks on a white background.

## Color Contrast Check

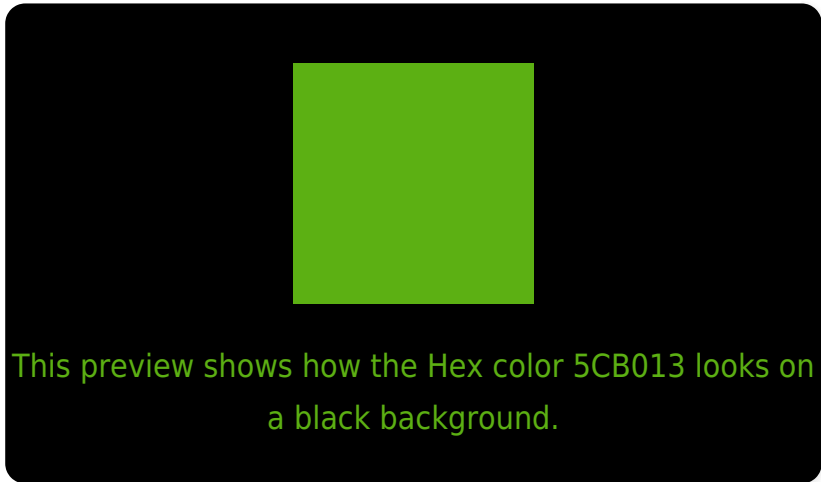
Large Text (above 18pt) WCAG AA × Fail

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 5CB013 Background



This preview shows how black text looks on a background with the Hex color 5CB013.

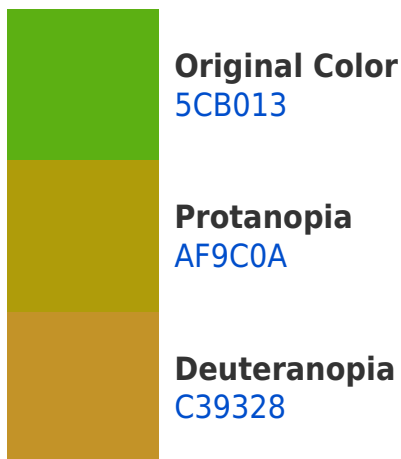


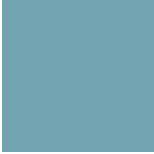
This preview shows how white text looks on a background with the Hex color 5CB013.

# 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**  
72A4B1

# Trichromacy



**Original Color**  
5CB013



**Protanomaly**  
91A30D



**Deuteranomaly**  
9E9E20



**Tritanomaly**  
6AA878

# Monochromacy



**Original Color**  
5CB013



**Achromatopsia**  
858585



**Achromatomaly**  
76955C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CB013 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 #5CB013 looks like.

```
.text, #text, p{  
    color:#5CB013  
}
```

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 #5CB013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CB013
}
```

## Border

The CSS property to change the border of an element to Hex 5CB013 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
#5CB013 }
```

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

```
.border{ border-color:#5CB013 }
```

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

Here you see how a box with a 4 pixel #5CB013 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CB013; -webkit-box-shadow:4px 4px  
4px 4px #5CB013; box-shadow:4px 4px 4px  
4px #5CB013 }
```

# Background

The CSS property to change the background color of an element to Hex 5CB013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CB013 }
```

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

```
.background{ background-color:#5CB013 }
```

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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