

Converting Colors

Hex(51B40B)

Have a look what the booklet for
Hex(51B40B) contains.

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Color

Hex(51B40B)

Conversions

Conversions Part 1

Format	Color
Hex	51B40B
RGB	81, 180, 11
RGB Percent	32%, 71%, 4%
CMY	0.6824, 0.2941, 0.9569
CMYK	0.55, 0.00, 0.94, 0.29
HSL	95°, 88%, 37%
HSV	95°, 94%, 71%
XYZ	19.7750, 34.4160, 5.9173
YIQ	131.1330, -4.7550, -73.5470

Conversions

Conversions Part 2

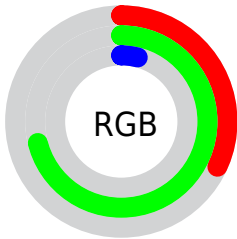
Format	Color
RYB	11, 180, 110
Decimal	5354507
CIELab	65.29, -54.12, 64.40
CIELCh	65, 84.121, 130.041
Yxy	34.4160, 0.3290, 0.5726
Android (android.graphics.Color)	4283544587 (0xFF51B40B)
YUV	131.1330, -59.2256, -43.9666
Hunter-Lab	58.6652, -42.4948, 35.0853

Details

The Hex color **51B40B** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **6E0BB4**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **8DED50**, and **007E00** is the 20% darker color. If you saturate the color by 10%, you get **4BB400**, and if you desaturate by 10%, it is **5CB41D**.

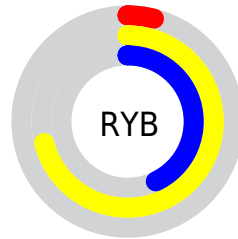
Distribution



Red (32%)

Green (71%)

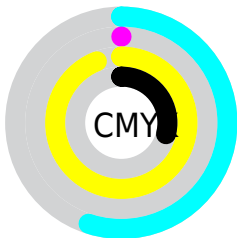
Blue (4%)



Red (4%)

Yellow (71%)

Blue (43%)



Cyan (55%)

Magenta (0%)

Yellow (94%)

Black (29%)



Cyan (68%)

Magenta (29%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51B40B 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 51B40B by changing the saturation by 10% instead.



51B40B



51B40B

FFFFFF



309900



8DED50



007E00



A AFF6C



006400



C7FF88



004B00



E5FFA4



003400



FFFFC1



001B00



FFFFDE



000000



FFFFFFB



51B40B



51B40B

 4BB400

 5CB41D

 66B42F

 71B441

 7BB453

 86B465

 90B477

 9BB489

 A5B49B

 B0B4AD

Harmonies

Analogous

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



A8A300



51B40B



00BD68

Triad

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



51B40B



00B5FF



FF4489

Complementary

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



51B40B



6E0BB4

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.



FF54D4



51B40B



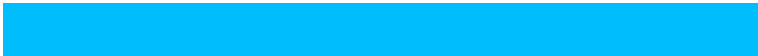
00A0FF

Square

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



51B40B



00BEFE



BF7DFE



FF6240

Rectangle

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



51B40B



00BF9C



BF7DFF



FF43A2

Sweetspot

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



51B40B



C4EBA9



B46E0B



5E754D



F5F5F5



757575

Same Dimension

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



51B40B



61EB00



0BB419



545950



3F9900



0B1A00

Inverse Universe

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



6E0BB4



8900EB



B40BA6



565059



5A0099



0F001A

Previews

White Background



This preview shows how the Hex color 51B40B looks on a white background.

Color Contrast Check

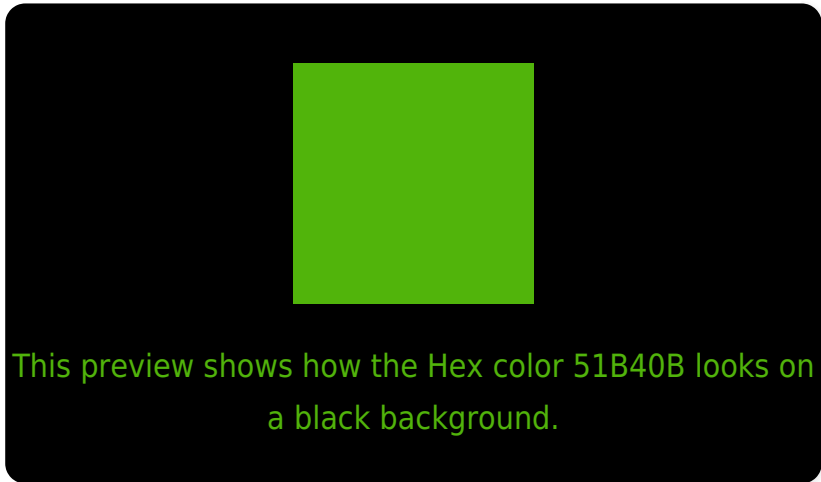
Large Text (above 18pt) WCAG AA × Fail

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 51B40B Background



This preview shows how black text looks on a background with the Hex color 51B40B.

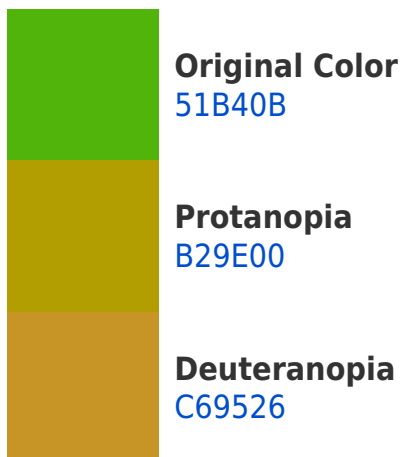


This preview shows how white text looks on a background with the Hex color 51B40B.

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](#).

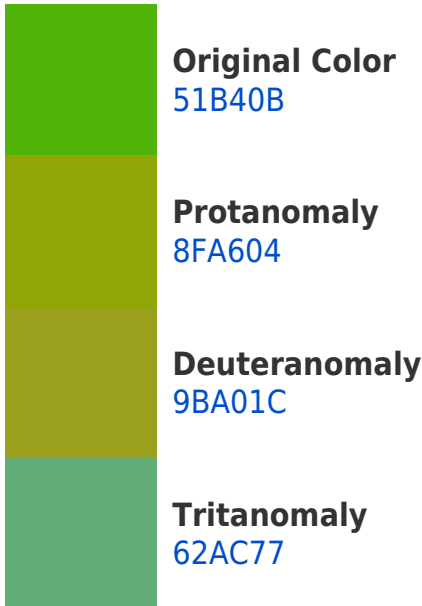
Dichromacy



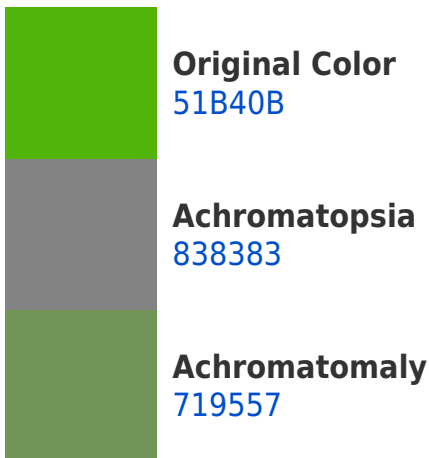


Tritanopia
6BA7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51B40B 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 #51B40B looks like.

```
.text, #text, p{  
    color:#51B40B  
}
```

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 #51B40B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51B40B
}
```

Border

The CSS property to change the border of an element to Hex 51B40B 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
#51B40B }
```

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

```
.border{ border-color:#51B40B }
```

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

Here you see how a box with a 4 pixel #51B40B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51B40B; -webkit-box-shadow:4px 4px  
4px 4px #51B40B; box-shadow:4px 4px 4px  
4px #51B40B }
```

Background

The CSS property to change the background color of an element to Hex 51B40B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51B40B }
```

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

```
.background{ background-color:#51B40B }
```

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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