

Converting Colors

Hex(51B809)

Have a look what the booklet for
Hex(51B809) contains.

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Color

Hex(51B809)

Conversions

Conversions Part 1

Format	Color
Hex	51B809
RGB	81, 184, 9
RGB Percent	32%, 72%, 4%
CMY	0.6824, 0.2784, 0.9647
CMYK	0.56, 0.00, 0.95, 0.28
HSL	95°, 91%, 38%
HSV	95°, 95%, 72%
XYZ	20.5831, 36.0500, 6.1320
YIQ	133.2530, -5.2130, -76.2610

Conversions

Conversions Part 2

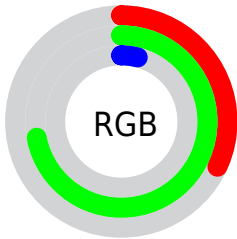
Format	Color
R _Y B	9, 184, 112
Decimal	5355529
CIE Lab	66.56, -55.60, 65.68
CIE LCh	67, 86.051, 130.247
Yxy	36.0500, 0.3279, 0.5744
Android (android.graphics.Color)	4283545609 (0xFF51B809)
YUV	133.2530, -61.2567, -45.8259
Hunter-Lab	60.0417, -43.8806, 35.9740

Details

The Hex color **51B809** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **7009B8**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **8DF150**, and **008200** is the 20% darker color. If you saturate the color by 10%, you get **4CB800**, and if you desaturate by 10%, it is **5CB81B**.

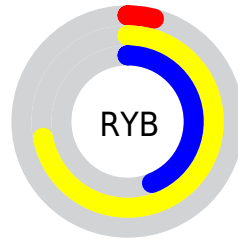
Distribution



Red (32%)

Green (72%)

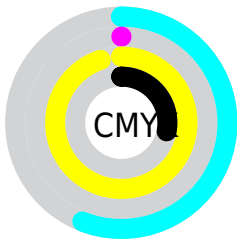
Blue (4%)



Red (4%)

Yellow (72%)

Blue (44%)

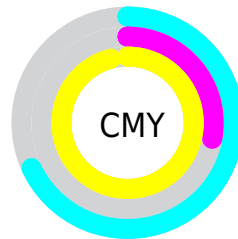


Cyan (56%)

Magenta (0%)

Yellow (95%)

Black (28%)



Cyan (68%)

Magenta (28%)


Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51B809 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 51B809 by changing the saturation by 10% instead.

 51B809

 51B809

FFFFFF

 2F9D00

 8DF150

 008200

 ABFF6D

 006800

 C8FF89

 004F00

 E6FFA5

 003700

 FFFFC1


 001F00

 FFFFDE

 000000

 FFFFFC

 51B809

 51B809

 4CB800

 5CB81B

 67B82E

 71B840

 7CB853

 87B865

 92B877

 9DB88A

 A8B89C

 B2B8AF

Harmonies

Analogous

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



ABA700



51B809



00C16A

Triad

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



51B809



00B8FF



FF448B

Complementary

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



51B809



7009B8

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.



FF55D8



51B809



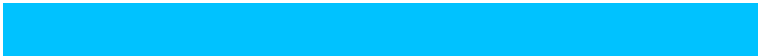
00A3FF

Square

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



51B809



00C2FF



C47FFF



FF6441

Rectangle

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



51B809



00C3A0



C47FFF



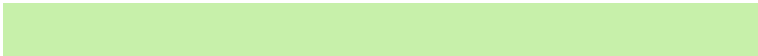
FF43A5

Sweetspot

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



51B809



C7F0AA



B86F09



5F784E



F7F7F7



787878

Same Dimension

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



51B809



63F000



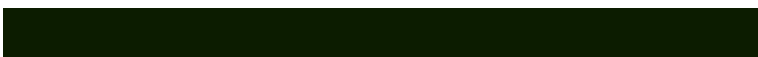
09B818



565C53



409C00



0C1C00

Inverse Universe

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



7009B8



8D00F0



B809A9



58535C



5C009C



11001C

Previews

White Background



This preview shows how the Hex color 51B809 looks on a white background.

Color Contrast Check

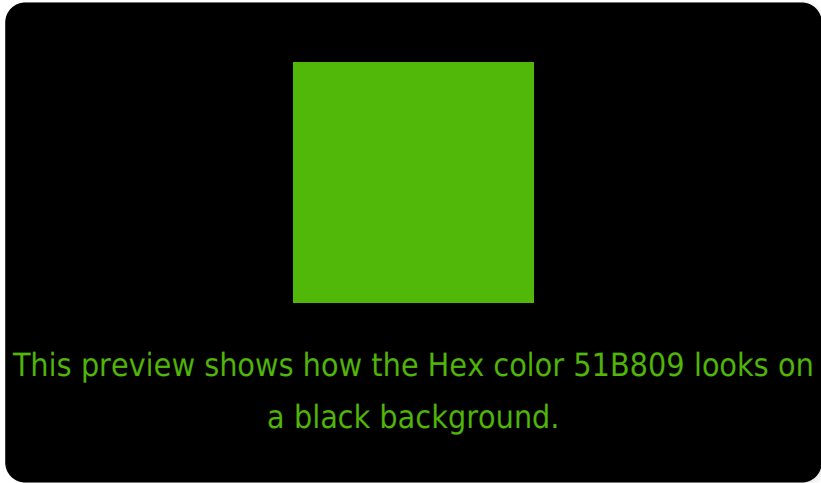
Large Text (above 18pt) WCAG AA × Fail

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 51B809 Background



This preview shows how black text looks on a background with the Hex color 51B809.

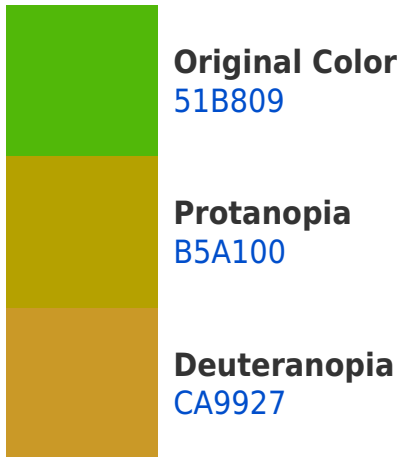



This preview shows how white text looks on a background with the Hex color 51B809.

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
6DABB9

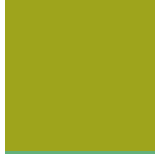
Trichromacy



Original Color
51B809



Protanomaly
91A903



Deuteranomaly
9EA41C



Tritanomaly
63B079

Monochromacy



Original Color
51B809



Achromatopsia
858585



Achromatomaly
729858

CSS Examples

Text

The CSS property to change the color of the text to Hex 51B809 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 #51B809 looks like.

```
.text, #text, p{  
    color:#51B809  
}
```

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 #51B809 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51B809
}
```

Border

The CSS property to change the border of an element to Hex 51B809 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
#51B809 }
```

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

```
.border{ border-color:#51B809 }
```

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

Here you see how a box with a 4 pixel #51B809 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51B809; -webkit-box-shadow:4px 4px  
4px 4px #51B809; box-shadow:4px 4px 4px  
4px #51B809 }
```

Background

The CSS property to change the background color of an element to Hex 51B809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51B809 }
```

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

```
.background{ background-color:#51B809 }
```

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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