

Converting Colors

Hex(53A41B)

Have a look what the booklet for
Hex(53A41B) contains.

| | |
|--|----|
| Hex(53A41B) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(53A41B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 53A41B |
| RGB | 83, 164, 27 |
| RGB Percent | 33%, 64%, 11% |
| CMY | 0.6745, 0.3569, 0.8941 |
| CMYK | 0.49, 0.00, 0.84, 0.36 |
| HSL | 95°, 72%, 37% |
| HSV | 95°, 84%, 64% |
| XYZ | 17.0406, 28.4691, 5.6339 |
| YIQ | 124.1630, -4.2990, -59.7790 |

Conversions

Conversions Part 2

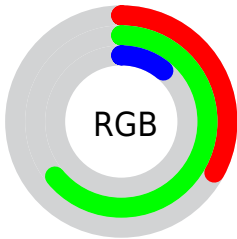
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 27, 164, 108 |
| Decimal | 5481499 |
| CIE _{Lab} | 60.31, -46.99, 57.04 |
| CIE _{LCh} | 60, 73.902, 129.478 |
| Yxy | 28.4691, 0.3332, 0.5567 |
| Android (android.graphics.Color) | 4283671579 (0xFF53A41B) |
| YUV | 124.1630, -47.9014, -36.1000 |
| Hunter-Lab | 53.3564, -36.3657, 31.0891 |

Details

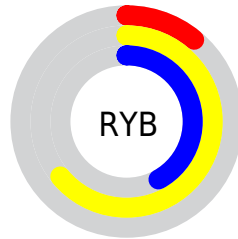
The Hex color **53A41B** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **6C1BA4**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **8CDC55**, and **0F6F00** is the 20% darker color. If you saturate the color by 10%, you get **49A40B**, and if you desaturate by 10%, it is **5DA42B**.

Distribution



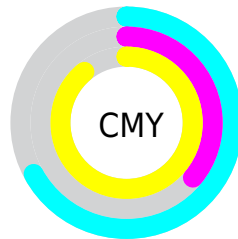
- Red (33%)
- Green (64%)
- Blue (11%)



- Red (11%)
- Yellow (64%)
- Blue (42%)



- Cyan (49%)
- Magenta (0%)
- Yellow (84%)
- Black (36%)



- Cyan (67%)
- Magenta (36%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53A41B 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 53A41B by changing the saturation by 10% instead.



53A41B



53A41B

FFFFFF



358900



8CDC55



0F6F00



A8F870



005600



C5FF8B



003E00



E3FFA7



002900



FFFFC3



000200



FFFFE0



000000



FFFFFD



53A41B



53A41B

■ 49A40B

■ 5DA42B

■ 43A400

■ 66A43C

■ 70A44C

■ 7AA45D

■ 83A46D

■ 8DA47D

■ 97A48E

■ A1A49E

■ AAA4AF

Harmonies

Analogous

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



9C9500



53A41B



00AC61

Triad

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



53A41B



00A5FF



FF4880

Complementary

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



53A41B



6C1BA4

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.



EE55C1



53A41B



0093FF

Square

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



53A41B



00ADE3



AD76F7



F85F41

Rectangle

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



53A41B



00AE8E



AD76F7



FF4895

Sweetspot

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



53A41B



B7D6A1



A46B1B



586B4B



EBEBEB



6B6B6B

Same Dimension

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



53A41B



58D600



1BA426



4D5249



3B9100



071200

Inverse Universe

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



6C1BA4



7F00D6



A41B99



4E4952



560091



0B0012

Previews

White Background



This preview shows how the Hex color 53A41B looks on a white background.

Color Contrast Check

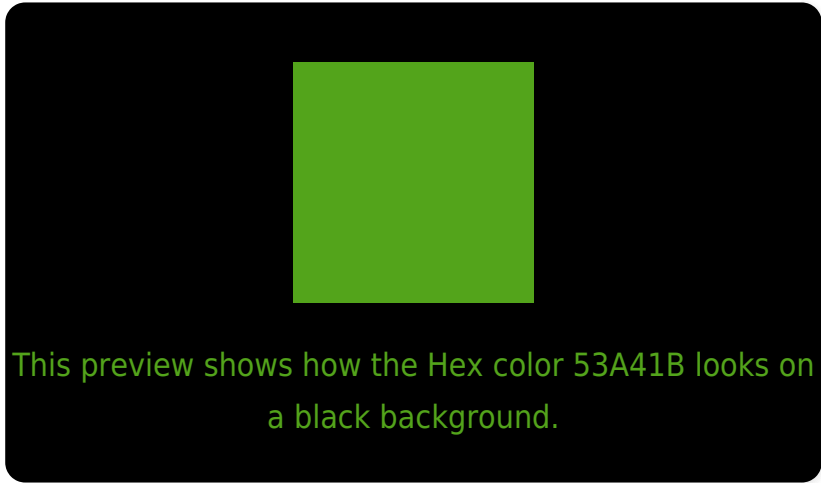
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 53A41B Background



This preview shows how black text looks on a background with the Hex color 53A41B.



This preview shows how white text looks on a background with the Hex color 53A41B.

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



Original Color
53A41B

Protanopia
A39116

Deuteranopia
B5892A



Tritanopia
6899A5

Trichromacy



Original Color
53A41B



Protanomaly
869818



Deuteranomaly
919325



Tritanomaly
609D73

Monochromacy



Original Color
53A41B



Achromatopsia
7C7C7C



Achromatomaly
6D8B59

CSS Examples

Text

The CSS property to change the color of the text to Hex 53A41B 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 #53A41B looks like.

```
.text, #text, p{  
    color:#53A41B  
}
```

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 #53A41B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53A41B
}
```

Border

The CSS property to change the border of an element to Hex 53A41B 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
#53A41B }
```

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

```
.border{ border-color:#53A41B }
```

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

Here you see how a box with a 4 pixel #53A41B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53A41B; -webkit-box-shadow:4px 4px  
4px 4px #53A41B; box-shadow:4px 4px 4px  
4px #53A41B }
```

Background

The CSS property to change the background color of an element to Hex 53A41B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53A41B }
```

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

```
.background{ background-color:#53A41B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor