

Converting Colors

Hex(51B44B)

Have a look what the booklet for
Hex(51B44B) contains.

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Color

Hex(51B44B)

Conversions

Conversions Part 1

Format	Color
Hex	51B44B
RGB	81, 180, 75
RGB Percent	32%, 71%, 29%
CMY	0.6824, 0.2941, 0.7059
CMYK	0.55, 0.00, 0.58, 0.29
HSL	117°, 41%, 50%
HSV	117°, 58%, 71%
XYZ	20.9846, 34.8998, 12.2870
YIQ	138.4290, -25.2990, -53.6430

Conversions

Conversions Part 2

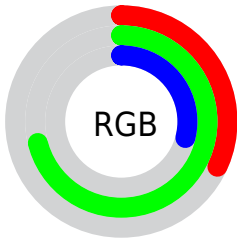
Format	Color
RYB	75, 180, 174
Decimal	5354571
CIELab	65.67, -49.83, 44.16
CIELCh	66, 66.585, 138.450
Yxy	34.8998, 0.3078, 0.5119
Android (android.graphics.Color)	4283544651 (0xFF51B44B)
YUV	138.4290, -31.2705, -50.3652
Hunter-Lab	59.0761, -39.9776, 29.0218

Details

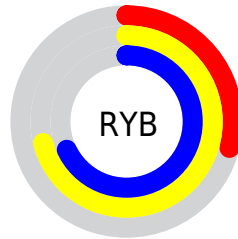
The Hex color **51B44B** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **AE4BB4**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **8AED7F**, and **037E16** is the 20% darker color. If you saturate the color by 10%, you get **40B439**, and if you desaturate by 10%, it is **62B45D**.

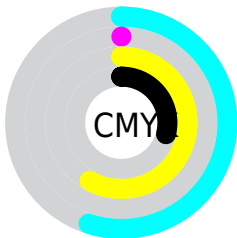
Distribution



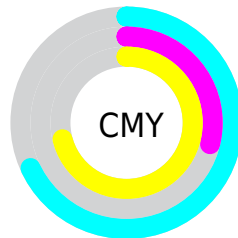
- Red (32%)
- Green (71%)
- Blue (29%)



- Red (29%)
- Yellow (71%)
- Blue (68%)



- Cyan (55%)
- Magenta (0%)
- Yellow (58%)
- Black (29%)




- Cyan (68%)
- Magenta (29%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51B44B 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 51B44B by changing the saturation by 10% instead.

 51B44B

 51B44B

FFFFFF

 329931

 8AED7F

 037E16

 A7FF9A

 006400

 C4FFB5

 004B00

 E1FFD1

 003400

 FFFFEE

 001C00

 000000

 51B44B

 51B44B

 40B439

 62B45D

 2FB427

 73B46F

 1EB415

 84B481

 0DB403

 95B493

 0AB400

 A6B4A5

 B7B4B7

 C8B4C9

 D9B4DB

 EAB4ED

Harmonies

Analogous

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



9AA81C



51B44B



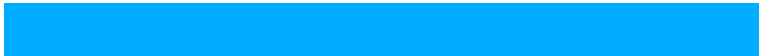
00BA86

Triad

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



51B44B



00ADFF



FF687D

Complementary

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



51B44B



AE4BB4

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.



FF69B9



51B44B



7299FF

Square

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



51B44B



00B8F8



D07FEF



F97C47

Rectangle

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



51B44B



00BCAF



D07FEF



FF6591

Sweetspot

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



51B44B



C3EBC0



B4AD4B



5D755B



F5F5F5



757575

Same Dimension

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



51B44B



50EB46



4BB479



515950



099900



011A00

Inverse Universe

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



AE4BB4



E146EB



B44B86



595059



900099



18001A

Previews

White Background



This preview shows how the Hex color 51B44B looks on a white background.

Color Contrast Check

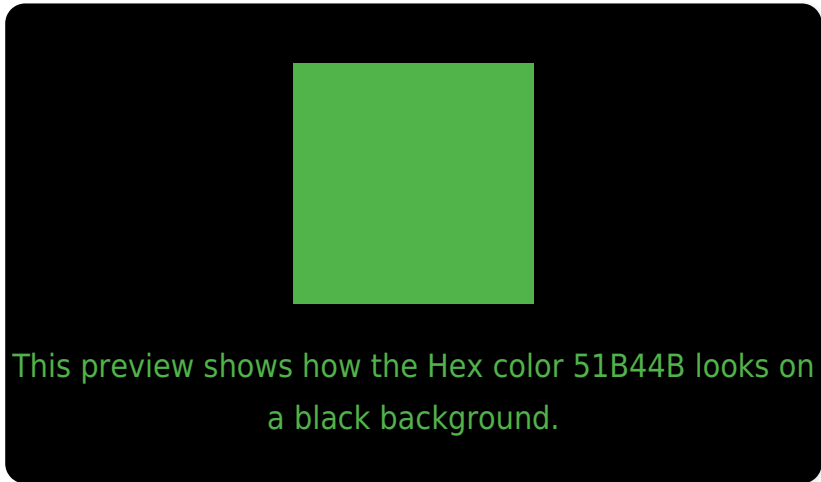
Large Text (above 18pt) WCAG AA × Fail

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 51B44B Background



This preview shows how black text looks on a background with the Hex color 51B44B.

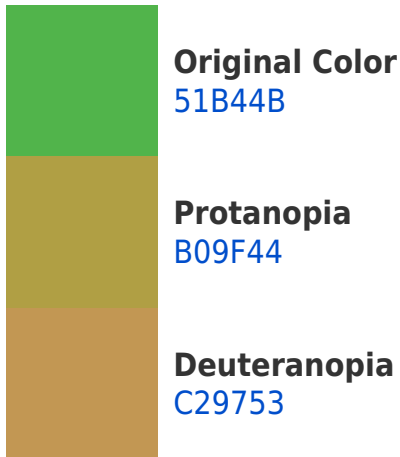


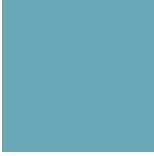
This preview shows how white text looks on a background with the Hex color 51B44B.

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
69A9B7

Trichromacy



Original Color
51B44B



Protanomaly
8DA747



Deuteranomaly
99A250



Tritanomaly
60AD90

Monochromacy



Original Color
51B44B



Achromatopsia
8A8A8A



Achromatomaly
759973

CSS Examples

Text

The CSS property to change the color of the text to Hex 51B44B 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 #51B44B looks like.

```
.text, #text, p{  
    color:#51B44B  
}
```

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 #51B44B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51B44B
}
```

Border

The CSS property to change the border of an element to Hex 51B44B 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
#51B44B }
```

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

```
.border{ border-color:#51B44B }
```

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

Here you see how a box with a 4 pixel #51B44B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51B44B; -webkit-box-shadow:4px 4px  
4px 4px #51B44B; box-shadow:4px 4px 4px  
4px #51B44B }
```

Background

The CSS property to change the background color of an element to Hex 51B44B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51B44B }
```

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

```
.background{ background-color:#51B44B }
```

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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