

Converting Colors

Hex(51B440)

Have a look what the booklet for
Hex(51B440) contains.

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Color

Hex(51B440)

Conversions

Conversions Part 1

Format	Color
Hex	51B440
RGB	81, 180, 64
RGB Percent	32%, 71%, 25%
CMY	0.6824, 0.2941, 0.7490
CMYK	0.55, 0.00, 0.64, 0.29
HSL	111°, 48%, 48%
HSV	111°, 64%, 71%
XYZ	20.6400, 34.7620, 10.4724
YIQ	137.1750, -21.7680, -57.0640

Conversions

Conversions Part 2

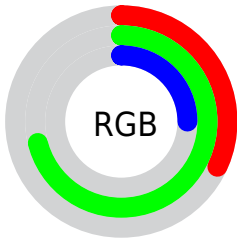
Format	Color
RYB	64, 180, 163
Decimal	5354560
CIELab	65.56, -51.03, 48.99
CIELCh	66, 70.741, 136.168
Yxy	34.7620, 0.3133, 0.5277
Android (android.graphics.Color)	4283544640 (0xFF51B440)
YUV	137.1750, -36.0753, -49.2655
Hunter-Lab	58.9593, -40.6909, 30.7404

Details

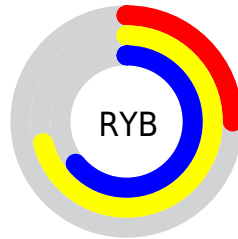
The Hex color **51B440** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A340B4**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **8BED74**, and **007E02** is the 20% darker color. If you saturate the color by 10%, you get **42B42E**, and if you desaturate by 10%, it is **60B452**.

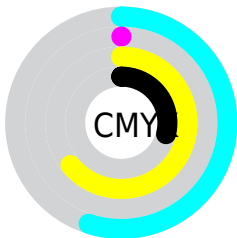
Distribution



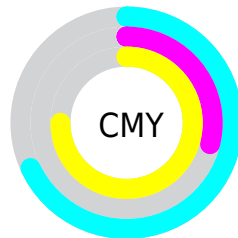
- Red (32%)
- Green (71%)
- Blue (25%)



- Red (25%)
- Yellow (71%)
- Blue (64%)



- Cyan (55%)
- Magenta (0%)
- Yellow (64%)
- Black (29%)




- Cyan (68%)
- Magenta (29%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51B440 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 51B440 by changing the saturation by 10% instead.

 51B440

 51B440

FFFFFF

 329925

 8BED74

 007E02

 A8FF8F

 006400

 C5FFAB

 004B00

 E2FFC7

 003400

 FFFF E3

 001C00

 000000

 51B440

 51B440

 42B42E

 60B452

 32B41C

 70B464

 23B40A

 7FB476

 1AB400

 8EB488

 9EB49A

 ADB4AC

 BDB4BE

 CCB4D0

 DBB4E2

Harmonies

Analogous

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



9EA700



51B440



00BB7F

Triad

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



51B440



00AFFF



FF6080

Complementary

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



51B440



A340B4

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.



FF64BF



51B440



5E9BFF

Square

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



51B440



00B9FA



CD7EF8



FF7645

Rectangle

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



51B440



00BDAB



CD7EF8



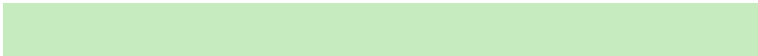
FF5E95

Sweetspot

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



51B440



C5EBBE



B4A340



5E755A



F5F5F5



757575

Same Dimension

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



51B440



50EB36



40B469



525950



169900



041A00

Inverse Universe

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



A340B4



D036EB



B4408B



585059



830099



16001A

Previews

White Background



This preview shows how the Hex color 51B440 looks on a white background.

Color Contrast Check

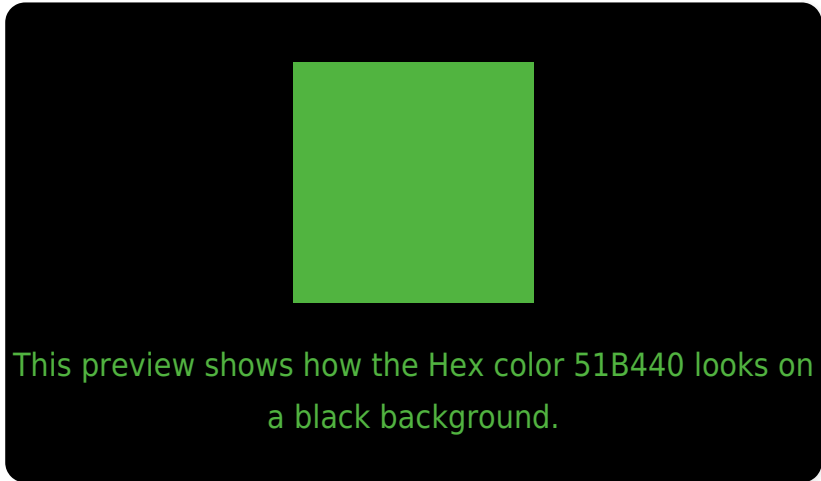
Large Text (above 18pt) WCAG AA × Fail

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

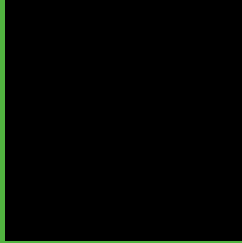
Any Text WCAG AA ✓ Pass

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 51B440 Background



This preview shows how black text looks on a background with the Hex color 51B440.

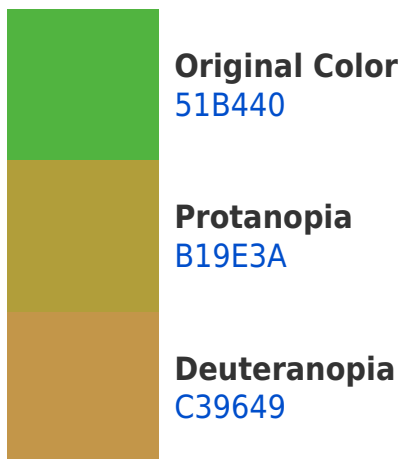


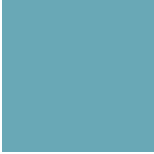
This preview shows how white text looks on a background with the Hex color 51B440.

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
69A8B6

Trichromacy



Original Color

51B440



Protanomaly

8EA63C



Deuteranomaly

9AA146



Tritanomaly

60AC8B

Monochromacy



Original Color

51B440



Achromatopsia

898989



Achromatomaly

75996E

CSS Examples

Text

The CSS property to change the color of the text to Hex 51B440 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 #51B440 looks like.

```
.text, #text, p{  
    color:#51B440  
}
```

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 #51B440 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51B440
}
```

Border

The CSS property to change the border of an element to Hex 51B440 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
#51B440 }
```

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

```
.border{ border-color:#51B440 }
```

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

Here you see how a box with a 4 pixel #51B440 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51B440; -webkit-box-shadow:4px 4px  
4px 4px #51B440; box-shadow:4px 4px 4px  
4px #51B440 }
```

Background

The CSS property to change the background color of an element to Hex 51B440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51B440 }
```

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

```
.background{ background-color:#51B440 }
```

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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