

Converting Colors

Hex(51B24D)

Have a look what the booklet for
Hex(51B24D) contains.

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Color

Hex(51B24D)

Conversions

Conversions Part 1

Format	Color
Hex	51B24D
RGB	81, 178, 77
RGB Percent	32%, 70%, 30%
CMY	0.6824, 0.3020, 0.6980
CMYK	0.54, 0.00, 0.57, 0.30
HSL	118°, 40%, 50%
HSV	118°, 57%, 70%
XYZ	20.6533, 34.1259, 12.5196
YIQ	137.4830, -25.3910, -51.9750

Conversions

Conversions Part 2

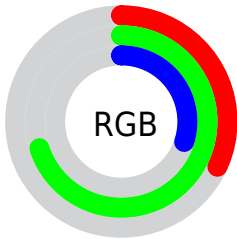
Format	Color
RYB	77, 178, 174
Decimal	5354061
CIELab	65.06, -48.81, 42.51
CIElCh	65, 64.725, 138.946
Yxy	34.1259, 0.3069, 0.5071
Android (android.graphics.Color)	4283544141 (0xFF51B24D)
YUV	137.4830, -29.8181, -49.5356
Hunter-Lab	58.4174, -39.1224, 28.1856

Details

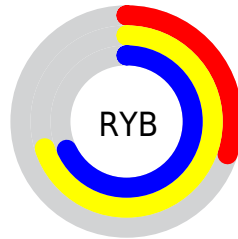
The Hex color **51B24D** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **AE4DB2**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **8AEB81**, and **067C19** is the 20% darker color. If you saturate the color by 10%, you get **40B23B**, and if you desaturate by 10%, it is **62B25F**.

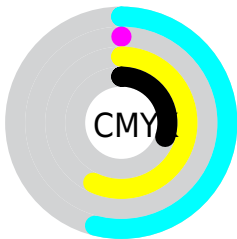
Distribution



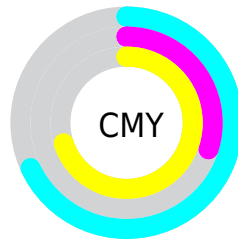
- Red (32%)
- Green (70%)
- Blue (30%)



- Red (30%)
- Yellow (70%)
- Blue (68%)



- Cyan (54%)
- Magenta (0%)
- Yellow (57%)
- Black (30%)



- Cyan (68%)
- Magenta (30%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51B24D 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 51B24D by changing the saturation by 10% instead.

 51B24D

 51B24D

FFFFFF

 339734

 8AEB81

 067C19

 A7FF9C

 006300

 C3FFB7

 004A00

 E1FFD3


 003200

 FFFFF0

 001A00

 000000

 51B24D

 51B24D

 40B23B

 62B25F

 2FB229

 73B271

 1EB218

 84B282

 0DB206

 95B294

 07B200

 A6B2A6

 B8B2B8

 C9B2CA

 DAB2DB

 EBB2ED

Harmonies

Analogous

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



98A621



51B24D



00B886

Triad

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



51B24D



00ABFF



FF687C

Complementary

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



51B24D



AE4DB2

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.



FC69B6



51B24D



7597FF

Square

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



51B24D



00B6F4



CE7EEB



F47C48

Rectangle

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



51B24D



00B9AE



CE7EEB



FF668F

Sweetspot

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



51B24D



C2E8C1



B2AD4D



5F755E



F5F5F5



757575

Same Dimension

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



51B24D



51E84A



4DB27A



515950



069900



011A00

Inverse Universe

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



AE4DB2



E24AE8



B24D85



595059



930099



18001A

Previews

White Background



This preview shows how the Hex color 51B24D looks on a white background.

Color Contrast Check

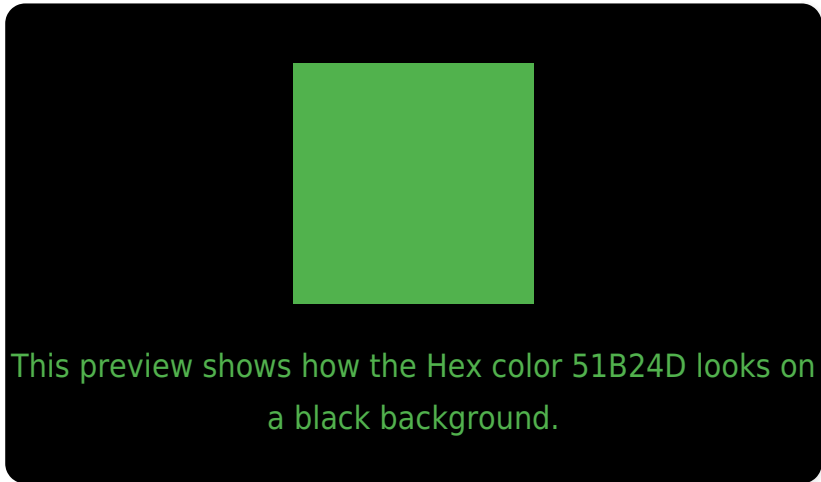
Large Text (above 18pt) WCAG AA × Fail

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

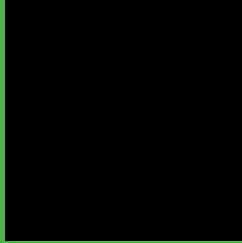
Any Text WCAG AA ✓ Pass

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 51B24D Background



This preview shows how black text looks on a background with the Hex color 51B24D.

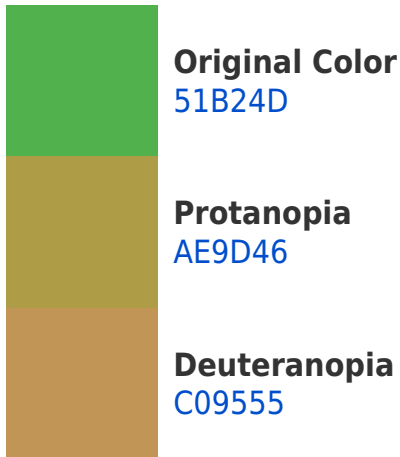


This preview shows how white text looks on a background with the Hex color 51B24D.

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
68A7B5

Trichromacy



Original Color
51B24D



Protanomaly
8CA549



Deuteranomaly
98A052



Tritanomaly
60AB8F

Monochromacy



Original Color
51B24D



Achromatopsia
898989



Achromatomaly
759873

CSS Examples

Text

The CSS property to change the color of the text to Hex 51B24D 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 #51B24D looks like.

```
.text, #text, p{  
    color:#51B24D  
}
```

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 #51B24D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51B24D
}
```

Border

The CSS property to change the border of an element to Hex 51B24D 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
#51B24D }
```

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

```
.border{ border-color:#51B24D }
```

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

Here you see how a box with a 4 pixel #51B24D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51B24D; -webkit-box-shadow:4px 4px  
4px 4px #51B24D; box-shadow:4px 4px 4px  
4px #51B24D }
```

Background

The CSS property to change the background color of an element to Hex 51B24D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51B24D }
```

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

```
.background{ background-color:#51B24D }
```

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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