

Converting Colors

Hex(41B24B)

Have a look what the booklet for
Hex(41B24B) contains.

Hex(41B24B)	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(41B24B)

Conversions

Conversions Part 1

Format	Color
Hex	41B24B
RGB	65, 178, 75
RGB Percent	25%, 70%, 29%
CMY	0.7451, 0.3020, 0.7059
CMYK	0.63, 0.00, 0.58, 0.30
HSL	125°, 47%, 48%
HSV	125°, 63%, 70%
XYZ	19.3704, 33.4726, 12.0965
YIQ	132.4710, -34.2850, -55.9890

Conversions

Conversions Part 2

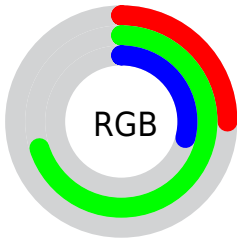
Format	Color
RYB	65, 169, 178
Decimal	4305483
CIELab	64.54, -52.92, 42.72
CIElCh	65, 68.012, 141.089
Yxy	33.4726, 0.2983, 0.5154
Android (android.graphics.Color)	4282495563 (0xFF41B24B)
YUV	132.4710, -28.3332, -59.1721
Hunter-Lab	57.8555, -41.4843, 28.1024

Details

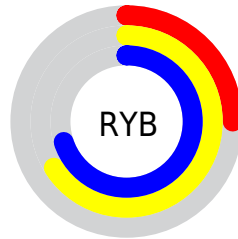
The Hex color **41B24B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **B241A8**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **7DEB7F**, and **007C17** is the 20% darker color. If you saturate the color by 10%, you get **2FB23B**, and if you desaturate by 10%, it is **53B25B**.

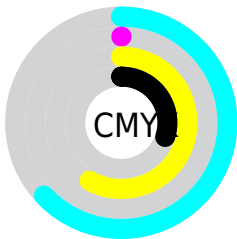
Distribution



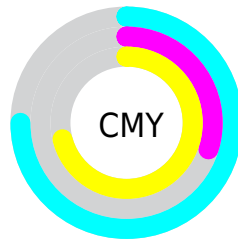
- Red (25%)
- Green (70%)
- Blue (29%)



- Red (25%)
- Yellow (66%)
- Blue (70%)



- Cyan (63%)
- Magenta (0%)
- Yellow (58%)
- Black (30%)



- Cyan (75%)
- Magenta (30%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41B24B 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 41B24B by changing the saturation by 10% instead.

 41B24B

 41B24B

FFFFFF

 1B9732

 7DEB7F

 007C17

 9AFF99

 006200

 B7FFB5

 004900

 D4FFD1

 003200

 F2FFEE

 001900

 000000

 41B24B

 41B24B

 2FB23B

 53B25B

 1DB22B

 65B26B

 0CB21A

 76B27C

 00B210

 88B28C

 9AB29C

 ACB2AC

 BEB2BD

 CFB2CD

 E1B2DD

Harmonies

Analogous

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



91A615



41B24B



00B888

Triad

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



41B24B



00A9FF



FF6475

Complementary

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



41B24B



B241A8

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.



FF62B1



41B24B



7894FF

Square

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



41B24B



00B5FA



D479EA



F47A3E

Rectangle

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



41B24B



00B9B2



D479EA



FF6088

Sweetspot

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



41B24B



BCE8C0



A9B241



5A755D



F5F5F5



757575

Same Dimension

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



41B24B



38E847



41B283



505951



00990E



001A02

Inverse Universe

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



B241A8



E838D8



B24170



595058



99008B



1A0017

Previews

White Background



This preview shows how the Hex color 41B24B looks on a white background.

Color Contrast Check

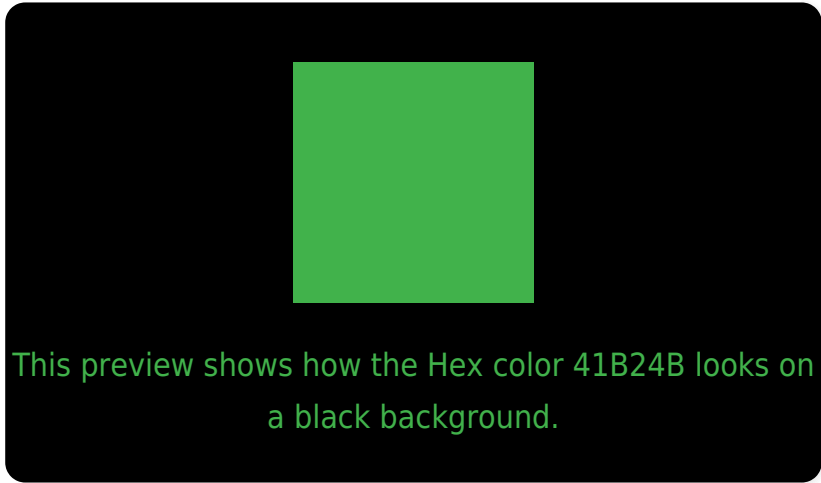
Large Text (above 18pt) WCAG AA × Fail

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

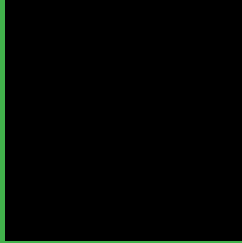
Any Text WCAG AA ✓ Pass

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 41B24B Background



This preview shows how black text looks on a background with the Hex color 41B24B.

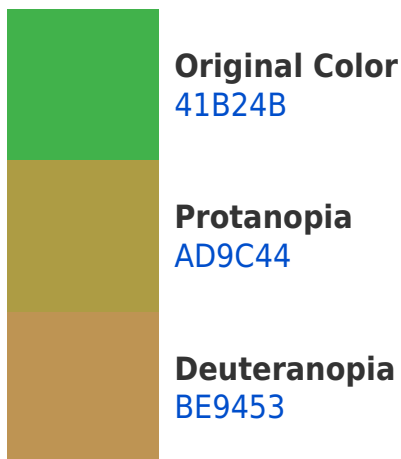


This preview shows how white text looks on a background with the Hex color 41B24B.

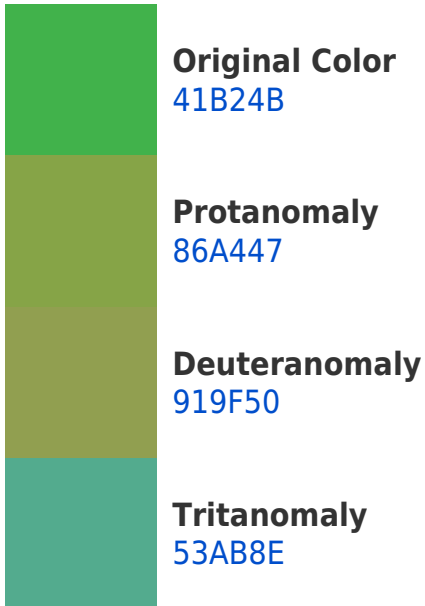
Color Blindness Simulation

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](#).

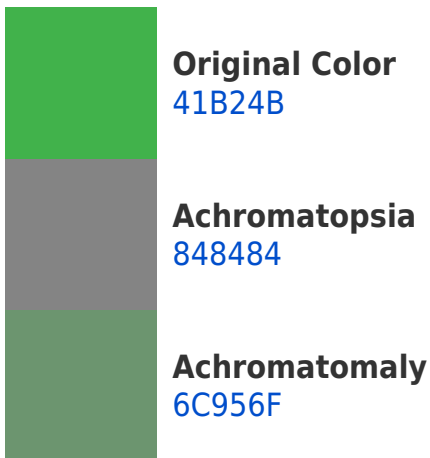
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41B24B 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 #41B24B looks like.

```
.text, #text, p{  
    color:#41B24B  
}
```

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 #41B24B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41B24B
}
```

Border

The CSS property to change the border of an element to Hex 41B24B 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
#41B24B }
```

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

```
.border{ border-color:#41B24B }
```

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

Here you see how a box with a 4 pixel #41B24B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41B24B; -webkit-box-shadow:4px 4px  
4px 4px #41B24B; box-shadow:4px 4px 4px  
4px #41B24B }
```

Background

The CSS property to change the background color of an element to Hex 41B24B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41B24B }
```

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

```
.background{ background-color:#41B24B }
```

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