

Converting Colors

Hex(3BD13B)

Have a look what the booklet for
Hex(3BD13B) contains.

| | |
|--|----|
| Hex(3BD13B) | 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(3BD13B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 3BD13B |
| RGB | 59, 209, 59 |
| RGB Percent | 23%, 82%, 23% |
| CMY | 0.7686, 0.1804, 0.7686 |
| CMYK | 0.72, 0.00, 0.72, 0.18 |
| HSL | 120°, 62%, 53% |
| HSV | 120°, 72%, 82% |
| XYZ | 25.3935, 46.8465, 11.8416 |
| YIQ | 147.0500, -41.2500, -78.4500 |

Conversions

Conversions Part 2

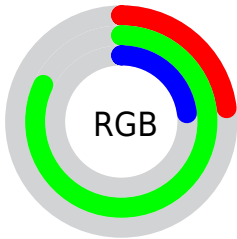
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 59, 209, 209 |
| Decimal | 3920187 |
| CIELab | 74.09, -66.29, 59.86 |
| CIELCh | 74, 89.323, 137.917 |
| Yxy | 46.8465, 0.3020, 0.5572 |
| Android (android.graphics.Color) | 4282110267 (0xFF3BD13B) |
| YUV | 147.0500, -43.4086, -77.2198 |
| Hunter-Lab | 68.4445, -53.5528, 37.6534 |

Details

The Hex color **3BD13B** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **D13BD1**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **7FFF73**, and **009900** is the 20% darker color. If you saturate the color by 10%, you get **26D126**, and if you desaturate by 10%, it is **50D150**.

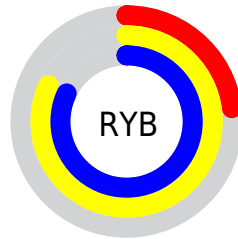
Distribution



Red (23%)

Green (82%)

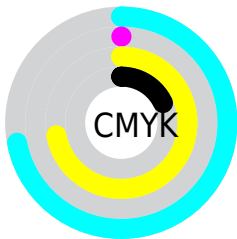
Blue (23%)



Red (23%)

Yellow (82%)

Blue (82%)

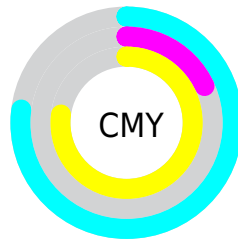


Cyan (72%)

Magenta (0%)

Yellow (72%)

Black (18%)



Cyan (77%)

Magenta (18%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BD13B 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 3BD13B by changing the saturation by 10% instead.



3BD13B



3BD13B

FFFFFF



00B51B



7FFF73



009900



9EFF8E



007E00



BDFFAA



006400



DCFFC7



004A00



FAFFE4



003300



001700



000000



3BD13B



3BD13B

■ 26D126

■ 50D150

■ 11D111

■ 65D165

■ 00D100

■ 7AD17A

■ 8FD18F

■ A4D1A4

■ B8D1B8

■ CDD1CD

■ E2D1E2

■ F7D1F7

Harmonies

Analogous

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



ACC100



3BD13B



00D991

Triad

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



3BD13B



00CAFF



FF5D89

Complementary

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



3BD13B



D13BD1

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.



FF5FDB



3BD13B



5DAFFF

Square

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



3BD13B



00D7FF



F687FF



FF813B

Rectangle

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



3BD13B



00DBCA



F687FF



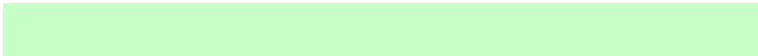
FF58A4

Sweetspot

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



3BD13B



C7FFC7



D1D13B



5E805E



000000



808080

Same Dimension

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



3BD13B



24FF24



3BD186



5E695E



00A800



002900

Inverse Universe

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



D13BD1



FF24FF



D13B86



695E69



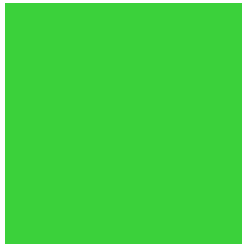
A800A8



290029

Previews

White Background



This preview shows how the Hex color 3BD13B looks on a white background.

Color Contrast Check

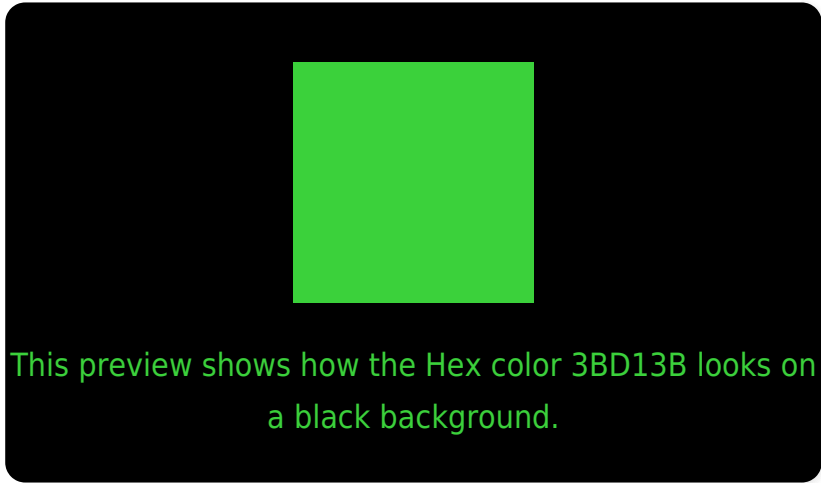
Large Text (above 18pt) WCAG AA × Fail

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 3BD13B Background



This preview shows how black text looks on a background with the Hex color 3BD13B.

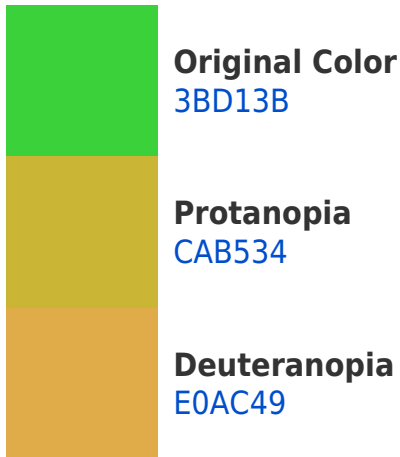


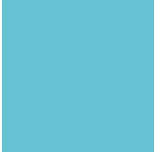
This preview shows how white text looks on a background with the Hex color 3BD13B.

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](#).

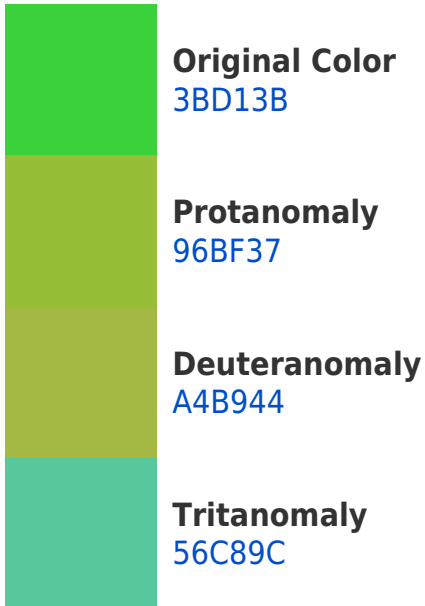
Dichromacy



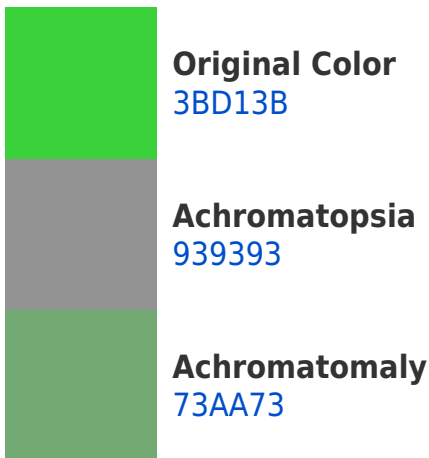


Tritanopia
65C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3BD13B 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 #3BD13B looks like.

```
.text, #text, p{  
    color:#3BD13B  
}
```

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 #3BD13B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BD13B
}
```

Border

The CSS property to change the border of an element to Hex 3BD13B 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
#3BD13B }
```

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

```
.border{ border-color:#3BD13B }
```

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

Here you see how a box with a 4 pixel #3BD13B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BD13B; -webkit-box-shadow:4px 4px  
4px 4px #3BD13B; box-shadow:4px 4px 4px  
4px #3BD13B }
```

Background

The CSS property to change the background color of an element to Hex 3BD13B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BD13B }
```

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

```
.background{ background-color:#3BD13B }
```

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