

Converting Colors

Hex(3BDE54)

Have a look what the booklet for
Hex(3BDE54) contains.

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Color

Hex(3BDE54)

Conversions

Conversions Part 1

Format	Color
Hex	3BDE54
RGB	59, 222, 84
RGB Percent	23%, 87%, 33%
CMY	0.7686, 0.1294, 0.6706
CMYK	0.73, 0.00, 0.62, 0.13
HSL	129°, 71%, 55%
HSV	129°, 73%, 87%
XYZ	29.5251, 53.8125, 17.2182
YIQ	157.5310, -52.8500, -77.4740

Conversions

Conversions Part 2

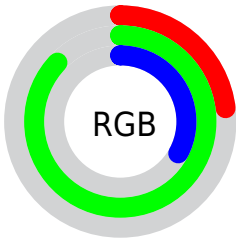
Format	Color
RYB	59, 200, 222
Decimal	3923540
CIELab	78.35, -68.06, 54.52
CIELCh	78, 87.209, 141.303
Yxy	53.8125, 0.2936, 0.5352
Android (android.graphics.Color)	4282113620 (0xFF3BDE54)
YUV	157.5310, -36.2508, -86.4117
Hunter-Lab	73.3570, -56.5310, 37.4334

Details

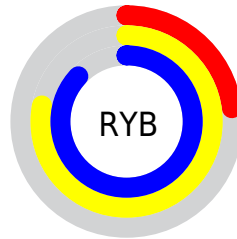
The Hex color **3BDE54** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **DE3BC5**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **81FF8A**, and **00A51A** is the 20% darker color. If you saturate the color by 10%, you get **25DE41**, and if you desaturate by 10%, it is **51DE67**.

Distribution



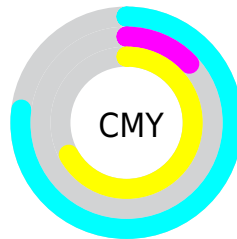
- Red (23%)
- Green (87%)
- Blue (33%)



- Red (23%)
- Yellow (78%)
- Blue (87%)



- Cyan (73%)
- Magenta (0%)
- Yellow (62%)
- Black (13%)



- Cyan (77%)
- Magenta (13%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BDE54 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 3BDE54 by changing the saturation by 10% instead.

 3BDE54

 3BDE54

FFFFFF

 00C139


 81FF8A

 00A51A

 A0FFA6

 008A00

 BFFFC2

 006F00

 DEFFDF

 005500

 FDFFC2

 003D00

 002400

 000000

 3BDE54

 3BDE54

 25DE41

 51DE67

 0FDE2E

 67DE7A

 00DE22

 7EDE8C

 94DE9F

 AADEB2

 C0DEC5

 D6DED8

 EDDEEA

 FFDEFD

Harmonies

Analogous

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



B0CF00



3BDE54



00E5A7

Triad

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



3BDE54



00D2FF



FF718C

Complementary

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



3BDE54



DE3BC5

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.



FF6FDD



3BDE54



8CB7FF

Square

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



3BDE54



00E2FF



FF90FF



FF9341

Rectangle

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



3BDE54



00E7DF



FF90FF



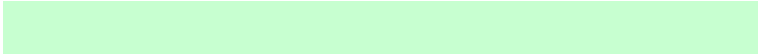
FF6BA7

Sweetspot

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



3BDE54



C7FFD0



C6DE3B



5E8063



000000



808080

Same Dimension

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



3BDE54



1FFF41



3BDEA5



657067



00B01B



003007

Inverse Universe

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



DE3BC5



FF1FDD



DE3B74



70656E



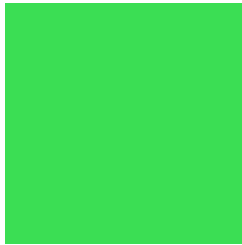
B00095



300029

Previews

White Background



This preview shows how the Hex color 3BDE54 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



This preview shows how the Hex color 3BDE54 looks on a 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 3BDE54 Background



This preview shows how black text looks on a background with the Hex color 3BDE54.

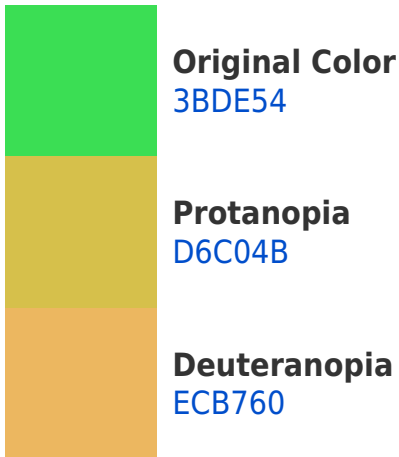


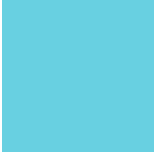
This preview shows how white text looks on a background with the Hex color 3BDE54.

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](#).

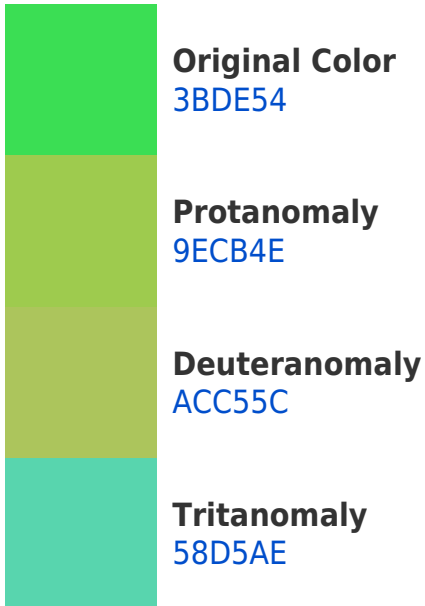
Dichromacy



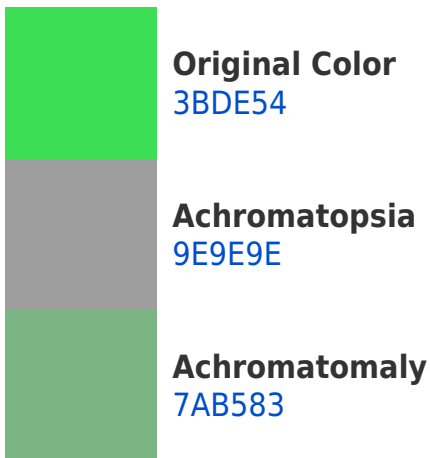


Tritanopia
68D0E1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3BDE54 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 #3BDE54 looks like.

```
.text, #text, p{  
    color:#3BDE54  
}
```

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 #3BDE54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BDE54
}
```

Border

The CSS property to change the border of an element to Hex 3BDE54 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
#3BDE54 }
```

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

```
.border{ border-color:#3BDE54 }
```

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

Here you see how a box with a 4 pixel #3BDE54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BDE54; -webkit-box-shadow:4px 4px  
4px 4px #3BDE54; box-shadow:4px 4px 4px  
4px #3BDE54 }
```

Background

The CSS property to change the background color of an element to Hex 3BDE54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BDE54 }
```

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

```
.background{ background-color:#3BDE54 }
```

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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