

Converting Colors

Hex(3BE323)

Have a look what the booklet for
Hex(3BE323) contains.

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Color

Hex(3BE323)

Conversions

Conversions Part 1

Format	Color
Hex	3BE323
RGB	59, 227, 35
RGB Percent	23%, 89%, 14%
CMY	0.7686, 0.1098, 0.8627
CMYK	0.74, 0.00, 0.85, 0.11
HSL	112°, 77%, 51%
HSV	112°, 85%, 89%
XYZ	29.5761, 55.9893, 10.8383
YIQ	154.8800, -38.4960, -95.3280

Conversions

Conversions Part 2

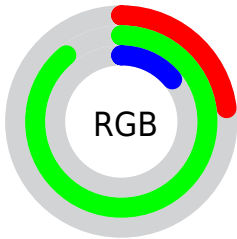
Format	Color
RYB	35, 227, 203
Decimal	3924771
CIELab	79.61, -73.28, 72.15
CIElCh	80, 102.839, 135.445
Yxy	55.9893, 0.3068, 0.5808
Android (android.graphics.Color)	4282114851 (0xFF3BE323)
YUV	154.8800, -59.1008, -84.0868
Hunter-Lab	74.8260, -60.3908, 43.7902

Details

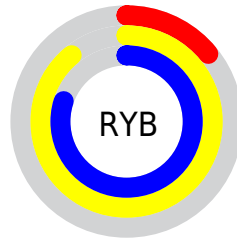
The Hex color **3BE323** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **CB23E3**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **84FF64**, and **00AA00** is the 20% darker color. If you saturate the color by 10%, you get **27E30C**, and if you desaturate by 10%, it is **4FE33A**.

Distribution



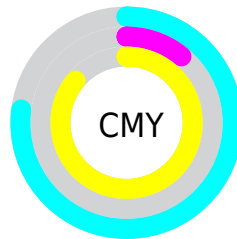
- Red (23%)
- Green (89%)
- Blue (14%)



- Red (14%)
- Yellow (89%)
- Blue (80%)



- Cyan (74%)
- Magenta (0%)
- Yellow (85%)
- Black (11%)



- Cyan (77%)
- Magenta (11%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BE323 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 3BE323 by changing the saturation by 10% instead.

 3BE323

 3BE323

FFFFFF

 00C600

 84FF64

 00AA00

 A4FF81

 008E00

 C4FF9D

 007300

 E3FFBA

 005900

 FFFFD8

 004000

 FFFFF5

 002700

 000000

 3BE323

 3BE323

 27E30C

 4FE33A

 1CE300

 63E350

 77E367

 8AE37E

 9EE394

 B2E3AB

 C6E3C2

 DAE3D9

 EEE3EF

Harmonies

Analogous

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



BFD000



3BE323



00EC91

Triad

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



3BE323



00DEFF



FF5098

Complementary

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



3BE323



CB23E3

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.



FF5AF8



3BE323



00C0FF

Square

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



3BE323



00ECFF



FF91FF



FF813B

Rectangle

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



3BE323



00EFD5



FF91FF



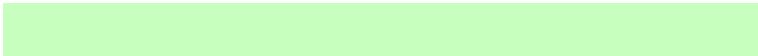
FF4AB8

Sweetspot

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



3BE323



C7FFBF



E3C923



5E8059



000000



808080

Same Dimension

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



3BE323



20FF00



23E369



697367



16B300



063300

Inverse Universe

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



CB23E3



DF00FF



E3239D



716773



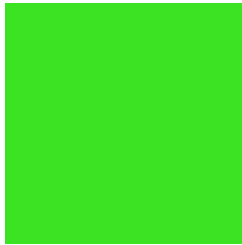
9C00B3



2D0033

Previews

White Background



This preview shows how the Hex color 3BE323 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 3BE323 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

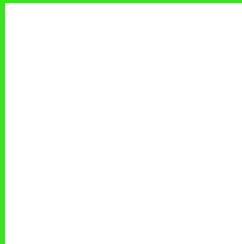
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3BE323 Background



This preview shows how black text looks on a background with the Hex color 3BE323.

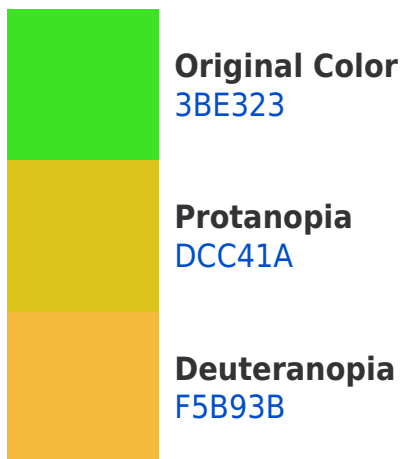


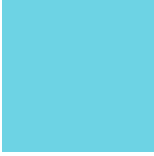
This preview shows how white text looks on a background with the Hex color 3BE323.

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
6DD3E4

Trichromacy



Original Color
3BE323



Protanomaly
A1CF1D



Deuteranomaly
B1C832



Tritanomaly
5BD99E

Monochromacy



Original Color
3BE323



Achromatopsia
9B9B9B



Achromatomaly
78B56F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BE323 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 #3BE323 looks like.

```
.text, #text, p{  
    color:#3BE323  
}
```

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 #3BE323 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BE323
}
```

Border

The CSS property to change the border of an element to Hex 3BE323 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
#3BE323 }
```

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

```
.border{ border-color:#3BE323 }
```

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

Here you see how a box with a 4 pixel #3BE323 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BE323; -webkit-box-shadow:4px 4px  
4px 4px #3BE323; box-shadow:4px 4px 4px  
4px #3BE323 }
```

Background

The CSS property to change the background color of an element to Hex 3BE323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BE323 }
```

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

```
.background{ background-color:#3BE323 }
```

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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