

Converting Colors

Hex(3BE10A)

Have a look what the booklet for
Hex(3BE10A) contains.

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Color

Hex(3BE10A)

Conversions

Conversions Part 1

Format	Color
Hex	3BE10A
RGB	59, 225, 10
RGB Percent	23%, 88%, 4%
CMY	0.7686, 0.1176, 0.9608
CMYK	0.74, 0.00, 0.96, 0.12
HSL	106°, 91%, 46%
HSV	106°, 96%, 88%
XYZ	28.7836, 54.8021, 9.3480
YIQ	150.8560, -29.9210, -102.0570

Conversions

Conversions Part 2

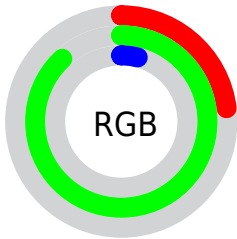
Format	Color
RYB	10, 225, 176
Decimal	3924234
CIELab	78.93, -73.40, 75.44
CIELCh	79, 105.255, 134.216
Yxy	54.8021, 0.3097, 0.5897
Android (android.graphics.Color)	4282114314 (0xFF3BE10A)
YUV	150.8560, -69.4420, -80.5577
Hunter-Lab	74.0285, -60.1457, 44.3331

Details

The Hex color **3BE10A** 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 **B00AE1**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **84FF59**, and **00A800** is the 20% darker color. If you saturate the color by 10%, you get **33E100**, and if you desaturate by 10%, it is **4CE120**.

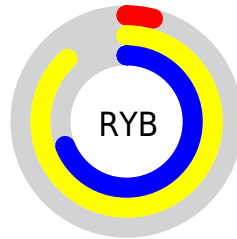
Distribution



Red (23%)

Green (88%)

Blue (4%)



Red (4%)

Yellow (88%)

Blue (69%)

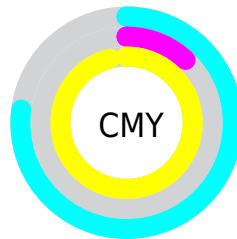


Cyan (74%)

Magenta (0%)

Yellow (96%)

Black (12%)



Cyan (77%)

Magenta (12%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BE10A 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 3BE10A by changing the saturation by 10% instead.

 3BE10A

 3BE10A

FFFFFF

 00C400

 84FF59

 00A800

 A4FF76

 008D00

 C4FF93

 007200

 E3FFB0

 005700

 FFFFCE

 003F00

 FFFFEC

 002500

 000000

 3BE10A

 3BE10A

■ 33E100

■ 4CE120

■ 5EE137

■ 6FE14E

■ 80E164

■ 92E17B

■ A3E191

■ B5E1A8

■ C6E1BE

■ D7E1D4

Harmonies

Analogous

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



C0CE00



3BE10A



00EB8A

Triad

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



3BE10A



00DEFF



FF449A

Complementary

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



3BE10A



B00AE1

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.



FF54FB



3BE10A



00C0FF

Square

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



3BE10A



00EBFF



FF90FF



FF7A3A

Rectangle

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



3BE10A



00EDCF



FF90FF



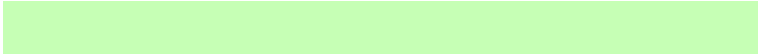
FF3EBA

Sweetspot

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



3BE10A



C6FFB5



E1AF0A



5D8053



000000



808080

Same Dimension

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



3BE10A



3AFF00



0AE143



687065



28B000



0B3000

Inverse Universe

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



B00AE1



C500FF



E10AA8



6E6570



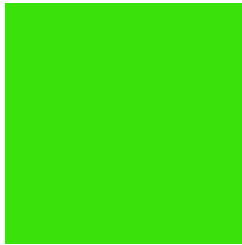
8800B0



250030

Previews

White Background



This preview shows how the Hex color 3BE10A looks on a white background.

Color Contrast Check

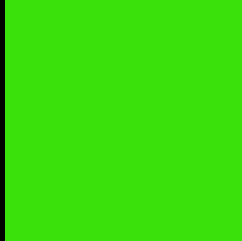
Large Text (above 18pt) WCAG AA × Fail

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 3BE10A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

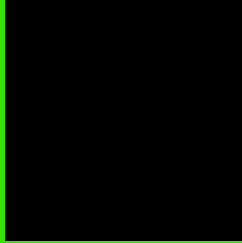
Any Text WCAG AA ✓ Pass

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 3BE10A Background



This preview shows how black text looks on a background with the Hex color 3BE10A.

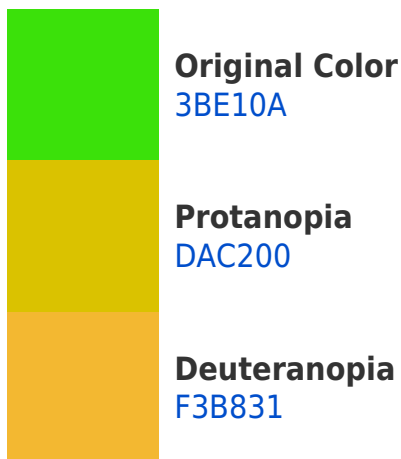


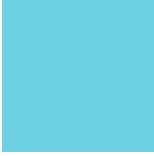
This preview shows how white text looks on a background with the Hex color 3BE10A.

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](#).

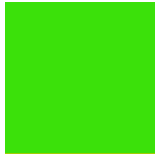
Dichromacy





Tritanopia
6CD1E2

Trichromacy



Original Color
3BE10A



Protanomaly
A0CD04

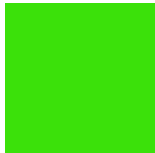


Deuteranomaly
B0C723



Tritanomaly
5AD793

Monochromacy



Original Color
3BE10A



Achromatopsia
979797



Achromatomaly
76B264

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BE10A 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 #3BE10A looks like.

```
.text, #text, p{  
    color:#3BE10A  
}
```

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 #3BE10A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BE10A
}
```

Border

The CSS property to change the border of an element to Hex 3BE10A 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
#3BE10A }
```

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

```
.border{ border-color:#3BE10A }
```

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

Here you see how a box with a 4 pixel #3BE10A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BE10A; -webkit-box-shadow:4px 4px  
4px 4px #3BE10A; box-shadow:4px 4px 4px  
4px #3BE10A }
```

Background

The CSS property to change the background color of an element to Hex 3BE10A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BE10A }
```

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

```
.background{ background-color:#3BE10A }
```

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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