

Converting Colors

Hex(B3BE17)

Have a look what the booklet for
Hex(B3BE17) contains.

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Color

Hex(B3BE17)

Conversions

Conversions Part 1

Format	Color
Hex	B3BE17
RGB	179, 190, 23
RGB Percent	70%, 75%, 9%
CMY	0.2980, 0.2549, 0.9098
CMYK	0.06, 0.00, 0.88, 0.25
HSL	64°, 78%, 42%
HSV	64°, 88%, 75%
XYZ	37.1585, 46.4725, 7.8222
YIQ	167.6730, 47.0510, -54.2690

Conversions

Conversions Part 2

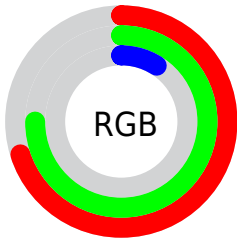
Format	Color
R_{YB}	23, 190, 34
Decimal	11779607
CIE _{Lab}	73.85, -21.69, 71.77
CIE _{LCh}	74, 74.978, 106.812
Yxy	46.4725, 0.4063, 0.5082
Android (android.graphics.Color)	4289969687 (0xFFB3BE17)
YUV	167.6730, -71.3238, 9.9338
Hunter-Lab	68.1707, -22.0019, 40.9163

Details

The Hex color **B3BE17** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **2217BE**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **EEF659**, and **7A8900** is the 20% darker color. If you saturate the color by 10%, you get **B2BE04**, and if you desaturate by 10%, it is **B4BE2A**.

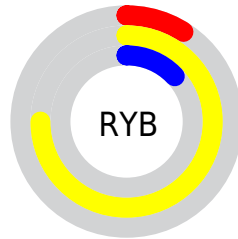
Distribution



Red (70%)

Green (75%)

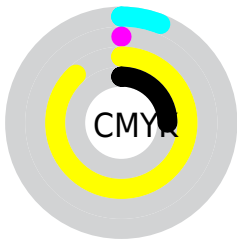
Blue (9%)



Red (9%)

Yellow (75%)

Blue (13%)

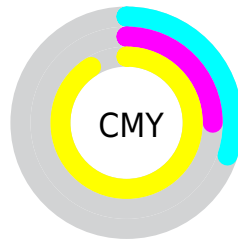


Cyan (6%)

Magenta (0%)

Yellow (88%)

Black (25%)



Cyan (30%)

Magenta (25%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3BE17 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 B3BE17 by changing the saturation by 10% instead.



B3BE17



B3BE17

FFFFFF



96A300



EEF659



7A8900



FFFF75



5E7000



FFFF92



435700



FFFFAE



284000



FFFFCB



0D2A00



FFFFE8



001600



000000



B3BE17



B3BE17

 B2BE04

 B4BE2A

 B1BE00

 B6BE3D

 B7BE50

 B8BE63

 B9BE76

 BBBE89

 BCBE9C

 DDBEAF

 BEBEC2

Harmonies

Analogous

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



F1A71D



B3BE17



60CC50

Triad

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



B3BE17



00D2FF



FF76D7

Complementary

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



B3BE17



2217BE

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.



E991FF



B3BE17



00C6FF

Square

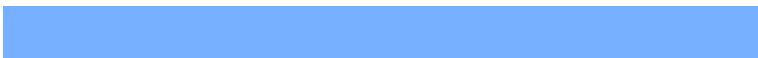
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B3BE17



00D6DB



76B0FF



FF7392

Rectangle

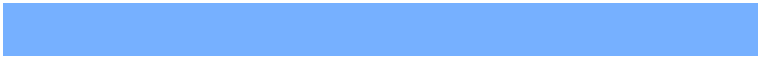
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B3BE17



00D27C



76B0FF



FF7EED

Sweetspot

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



B3BE17



F3F7B7



BE1F17



7A7D56



FCFCFC



7D7D7D

Same Dimension

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



B3BE17



E7F700



62BE17



5E5E55



949E00



1D1F00

Inverse Universe

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



2217BE



1000F7



7317BE



56555E



0A009E



02001F

Previews

White Background



This preview shows how the Hex color B3BE17 looks on a white background.

Color Contrast Check

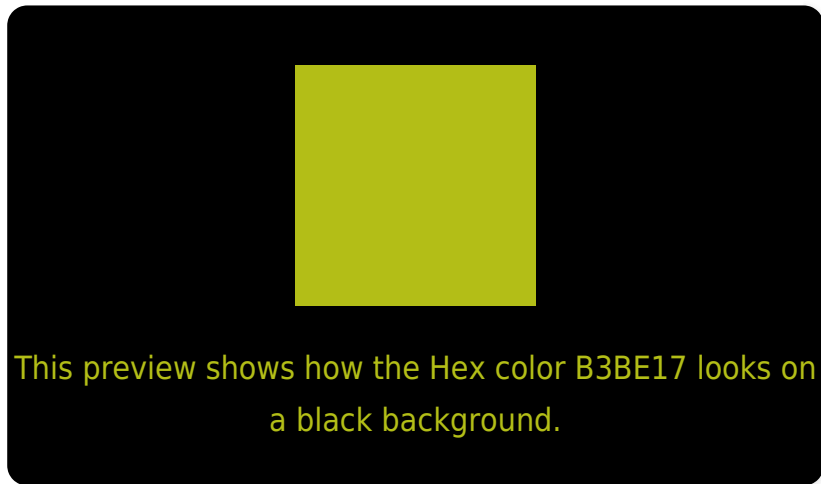
Large Text (above 18pt) WCAG AA × Fail

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 B3BE17 Background



This preview shows how black text looks on a background with the Hex color B3BE17.



This preview shows how white text looks on a background with the Hex color B3BE17.

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

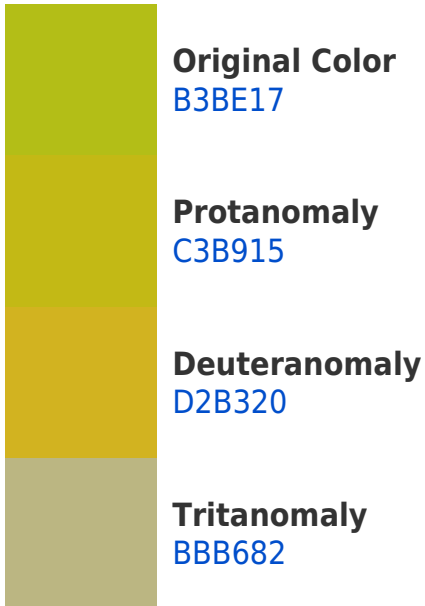


Original Color
B3BE17

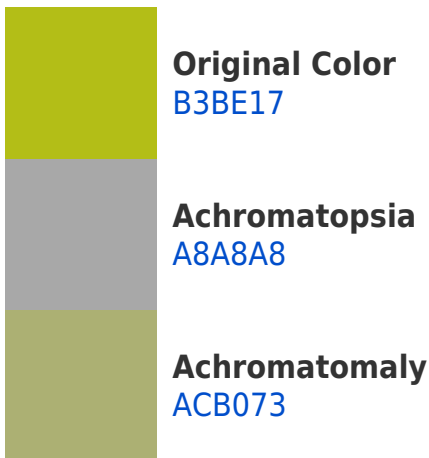
Protanopia
CCB614

Deuteranopia
E4AC25

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3BE17 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 #B3BE17 looks like.

```
.text, #text, p{  
    color:#B3BE17  
}
```

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 #B3BE17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3BE17
}
```

Border

The CSS property to change the border of an element to Hex B3BE17 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
#B3BE17 }
```

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

```
.border{ border-color:#B3BE17 }
```

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

Here you see how a box with a 4 pixel #B3BE17 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3BE17; -webkit-box-shadow:4px 4px  
4px 4px #B3BE17; box-shadow:4px 4px 4px  
4px #B3BE17 }
```

Background

The CSS property to change the background color of an element to Hex B3BE17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3BE17 }
```

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

```
.background{ background-color:#B3BE17 }
```

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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