

# Converting Colors

Hex(B5BE0E)

Have a look what the booklet for  
Hex(B5BE0E) contains.

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**Color**

**Hex(B5BE0E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5BE0E
RGB	181, 190, 14
RGB Percent	71%, 75%, 5%
CMY	0.2902, 0.2549, 0.9451
CMYK	0.05, 0.00, 0.93, 0.25
HSL	63°, 86%, 40%
HSV	63°, 93%, 75%
XYZ	37.5488, 46.6824, 7.4470
YIQ	167.2450, 51.1320, -56.6440

# Conversions

## Conversions Part 2

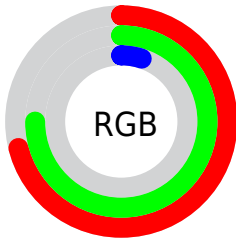
Format	Color
<a href="#">RYB</a>	<a href="#">14, 190, 23</a>
Decimal	<a href="#">11910670</a>
CIELab	<a href="#">73.99, -20.99, 73.36</a>
CIELCh	<a href="#">74, 76.302, 105.969</a>
Yxy	<a href="#">46.6824, 0.4096, 0.5092</a>
Android (android.graphics.Color)	<a href="#">4290100750 (0xFFB5BE0E)</a>
YUV	<a href="#">167.2450, -75.5498, 12.0631</a>
Hunter-Lab	<a href="#">68.3245, -21.4705, 41.3648</a>

# Details

The Hex color **B5BE0E** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **170EBE**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **F0F655**, and **7C8900** is the 20% darker color. If you saturate the color by 10%, you get **B4BE00**, and if you desaturate by 10%, it is **B6BE21**.

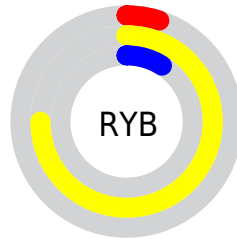
# Distribution



Red (71%)

Green (75%)

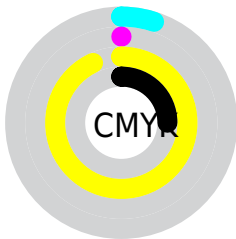
Blue (5%)



Red (5%)

Yellow (75%)

Blue (9%)

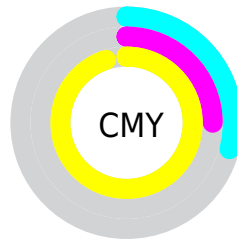


Cyan (5%)

Magenta (0%)

Yellow (93%)

Black (25%)



Cyan (29%)

Magenta (25%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B5BE0E 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 B5BE0E by changing the saturation by 10% instead.



 B5BE0E

 B5BE0E

FFFFFF

 98A300

 F0F655

 7C8900

 FFFF72

 607000

 FFFF8E

 445700

 FFFFAB

 294000

 FFFFC8

 0F2A00

 FFFF8E5

 001600

 000000

 B5BE0E

 B5BE0E

 B4BE00

 B6BE21

 B7BE34

 B8BE47

 B9BE5A

 BABE6D

 BBBE80

 BCBE93

 BDBEA6

 BEBEB9

# Harmonies

## Analogous

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



F3A719



B5BE0E



61CD4D

# Triad

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



B5BE0E



00D3FF



FF75DA

# Complementary

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



B5BE0E



170EBE

# 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.



E892FF



B5BE0E



00C7FF

# Square

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



B5BE0E



00D7DA



6EB1FF



FF7193

# Rectangle

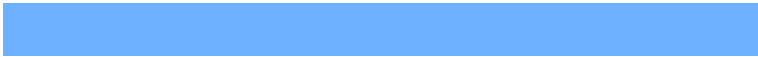
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B5BE0E



00D37A



6EB1FF



FF7DF0



# Sweetspot

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



B5BE0E



F4F7B2



BE170E



7B7D52



FCFCFC



7D7D7D



# Same Dimension

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



B5BE0E



EBF700



5DBE0E



5E5E55



969E00



1D1F00



# Inverse Universe

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



170EBE



0D00F7



6F0EBE



55555E



08009E



02001F



# Previews

## White Background



This preview shows how the Hex color B5BE0E looks on a white background.

## Color Contrast Check

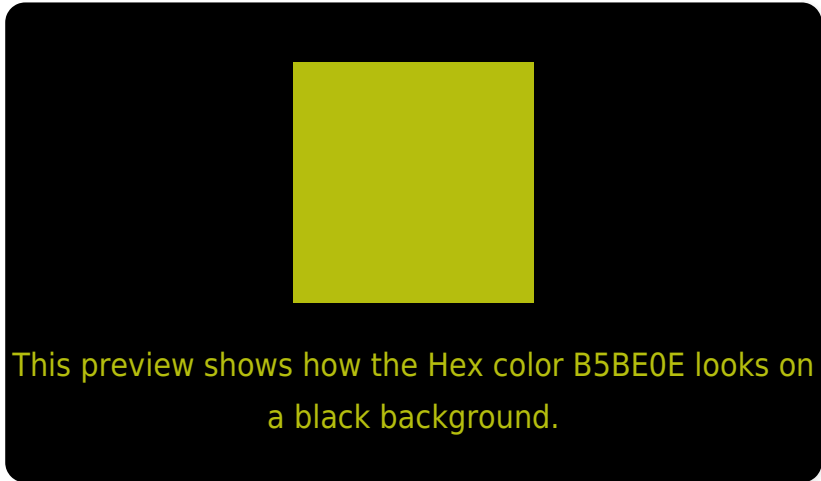
Large Text (above 18pt) WCAG AA × Fail

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 B5BE0E Background



This preview shows how black text looks on a background with the Hex color B5BE0E.

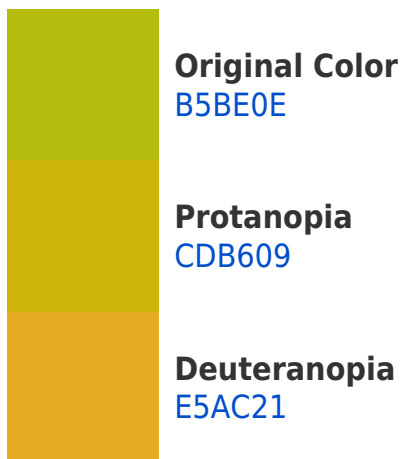


This preview shows how white text looks on a background with the Hex color B5BE0E.

# 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**  
C2B1BE

# Trichromacy



**Original Color**  
B5BE0E

**Protanomaly**  
C4B90B

**Deuteranomaly**  
D4B31A

**Tritanomaly**  
BDB67E

# Monochromacy



**Original Color**  
B5BE0E

**Achromatopsia**  
A7A7A7

**Achromatomaly**  
ACAF6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B5BE0E 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 #B5BE0E looks like.

```
.text, #text, p{  
    color:#B5BE0E  
}
```

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 #B5BE0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5BE0E
}
```

## Border

The CSS property to change the border of an element to Hex B5BE0E 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
#B5BE0E }
```

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

```
.border{ border-color:#B5BE0E }
```

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

Here you see how a box with a 4 pixel #B5BE0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5BE0E; -webkit-box-shadow:4px 4px  
4px 4px #B5BE0E; box-shadow:4px 4px 4px  
4px #B5BE0E }
```

# Background

The CSS property to change the background color of an element to Hex B5BE0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5BE0E }
```

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

```
.background{ background-color:#B5BE0E }
```

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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