

Converting Colors

Hex(B5E914)

Have a look what the booklet for
Hex(B5E914) contains.

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Color

Hex(B5E914)

Conversions

Conversions Part 1

Format	Color
Hex	B5E914
RGB	181, 233, 20
RGB Percent	71%, 91%, 8%
CMY	0.2902, 0.0863, 0.9216
CMYK	0.22, 0.00, 0.91, 0.09
HSL	75°, 84%, 50%
HSV	75°, 91%, 91%
XYZ	48.3212, 68.1521, 11.2697
YIQ	193.1700, 37.3810, -77.2670

Conversions

Conversions Part 2

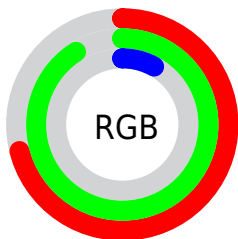
Format	Color
R _Y B	20, 233, 72
Decimal	11921684
CIE Lab	86.08, -40.95, 82.10
CIE LCh	86, 91.748, 116.510
Yxy	68.1521, 0.3783, 0.5335
Android (android.graphics.Color)	4290111764 (0xFFB5E914)
YUV	193.1700, -85.3728, -10.6731
Hunter-Lab	82.5543, -39.9891, 49.6942

Details

The Hex color **B5E914** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed chartreuse. A complement of this color would be **4814E9**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **F1FF5F**, and **7AB100** is the 20% darker color. If you saturate the color by 10%, you get **B0E900**, and if you desaturate by 10%, it is **BBE92B**.

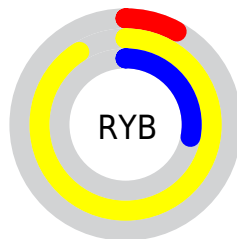
Distribution



Red (71%)

Green (91%)

Blue (8%)



Red (8%)

Yellow (91%)

Blue (28%)

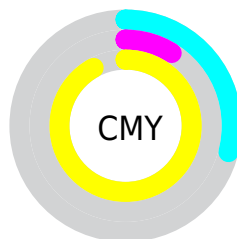


Cyan (22%)

Magenta (0%)

Yellow (91%)

Black (9%)



Cyan (29%)

Magenta (9%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5E914 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 B5E914 by changing the saturation by 10% instead.

 B5E914

 B5E914

FFFFFF

 98CD00

 F1FF5F

 7AB100

 FFFF7D

 5D9600

 FFFF9B

 407C00

 FFFFB8

 1E6300

 FFFFD6

 004A00

 FFFFF4

 003300

 001D00

 000000

 B5E914

 B5E914

 B0E900

 BBE92B

 C0E943

 C6E95A

 CCE971

 D1E989

 D7E9A0

 DDE9B7

 E3E9CE

 E8E9E6

Harmonies

Analogous

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



FFD000



B5E914



07F871

Triad

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



B5E914



00F7FF



FF7DE5

Complementary

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



B5E914



4814E9

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.



FF9BFF



B5E914



00E5FF

Square

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



B5E914



00FFFF



C0C5FF



FF878F

Rectangle

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



B5E914



00FDAC



C0C5FF



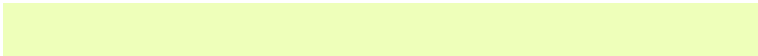
FF84FF

Sweetspot

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



B5E914



EEFFBA



E94614



768057



000000



808080

Same Dimension

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



B5E914



C1FF00



4DE914



72756A



89B500



283600

Inverse Universe

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



4814E9



3E00FF



B014E9



6C6A75



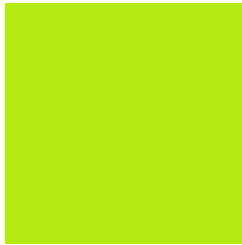
2C00B5



0D0036

Previews

White Background



This preview shows how the Hex color B5E914 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 B5E914 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 B5E914 Background



This preview shows how black text looks on a background with the Hex color B5E914.

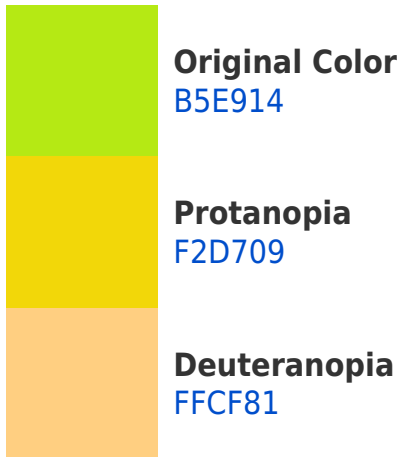


This preview shows how white text looks on a background with the Hex color B5E914.

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](#).

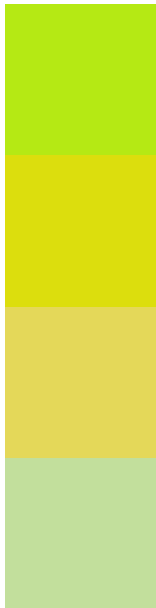
Dichromacy





Tritanopia
C9D9EA

Trichromacy



Original Color
B5E914

Protanomaly
DCDE0D

Deuteranomaly
E4D859

Tritanomaly
C2DF9C

Monochromacy



Original Color
B5E914

Achromatopsia
C1C1C1

Achromatomaly
BDD082

CSS Examples

Text

The CSS property to change the color of the text to Hex B5E914 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 #B5E914 looks like.

```
.text, #text, p{  
    color:#B5E914  
}
```

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 #B5E914 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5E914
}
```

Border

The CSS property to change the border of an element to Hex B5E914 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
#B5E914 }
```

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

```
.border{ border-color:#B5E914 }
```

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

Here you see how a box with a 4 pixel #B5E914 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5E914; -webkit-box-shadow:4px 4px  
4px 4px #B5E914; box-shadow:4px 4px 4px  
4px #B5E914 }
```

Background

The CSS property to change the background color of an element to Hex B5E914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5E914 }
```

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

```
.background{ background-color:#B5E914 }
```

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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