

# Converting Colors

Hex(B4E215)

Have a look what the booklet for  
Hex(B4E215) contains.

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**Color**

**Hex(B4E215)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4E215
RGB	180, 226, 21
RGB Percent	71%, 89%, 8%
CMY	0.2941, 0.1137, 0.9176
CMYK	0.20, 0.00, 0.91, 0.11
HSL	73°, 83%, 48%
HSV	73°, 91%, 89%
XYZ	46.1541, 64.1502, 10.6591
YIQ	188.8760, 38.3890, -73.5070

# Conversions

## Conversions Part 2

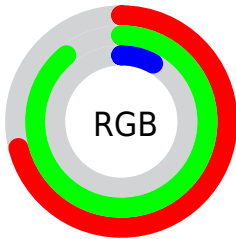
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 226, 67
Decimal	11854357
CIE <sub>Lab</sub>	84.04, -38.22, 80.31
CIE <sub>LCh</sub>	84, 88.945, 115.450
Yxy	64.1502, 0.3816, 0.5303
Android (android.graphics.Color)	4290044437 (0xFFB4E215)
YUV	188.8760, -82.7629, -7.7843
Hunter-Lab	80.0938, -37.3034, 48.1752

# Details

The Hex color **B4E215** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **4315E2**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **F0FF5E**, and **7AAB00** is the 20% darker color. If you saturate the color by 10%, you get **AFE200**, and if you desaturate by 10%, it is **B9E22C**.

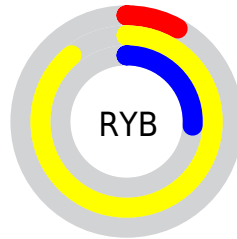
# Distribution



Red (71%)

Green (89%)

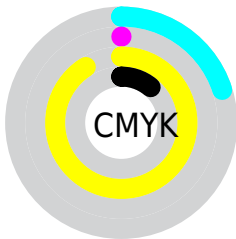
Blue (8%)



Red (8%)

Yellow (89%)

Blue (26%)

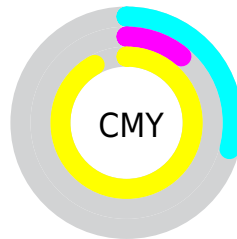


Cyan (20%)

Magenta (0%)

Yellow (91%)

Black (11%)



Cyan (29%)

Magenta (11%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4E215 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 B4E215 by changing the saturation by 10% instead.



 B4E215

 B4E215

FFFFFF

 97C600

 F0FF5E

 7AAB00

 FFFF7C

 5D9000

 FFFF99

 407600

 FFFFB6

 205D00

 FFFFFD4

 004500

 FFFFF2

 002E00

 001700

 000000

 B4E215

 B4E215

 AFE200

 B9E22C

 BEE242

 C3E259

 C8E26F

 CDE286

 D2E29D

 D7E2B3

 DDE2CA

 E2E2E0

# Harmonies

## Analogous

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



FFC900



B4E215



28F16C

# Triad

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



B4E215



00F1FF



FF7CE2

# Complementary

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



B4E215



4315E2

# 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.



FF99FF



B4E215



00E0FF

# Square

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



B4E215



00F8FF



B6C1FF



FF848F

# Rectangle

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



B4E215



00F6A4



B6C1FF



FF83FE



# Sweetspot

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



B4E215



F0FFBA



E24115



768057



000000



808080



# Same Dimension

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



B4E215



C6FF00



4FE215



6E7065



88B000



263000



# Inverse Universe

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



4315E2



3900FF



A815E2



676570



2700B0

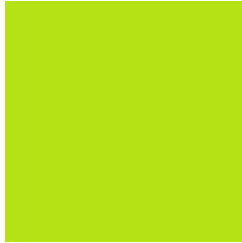


0B0030



# Previews

## White Background



This preview shows how the Hex color B4E215 looks on a white background.

## Color Contrast Check

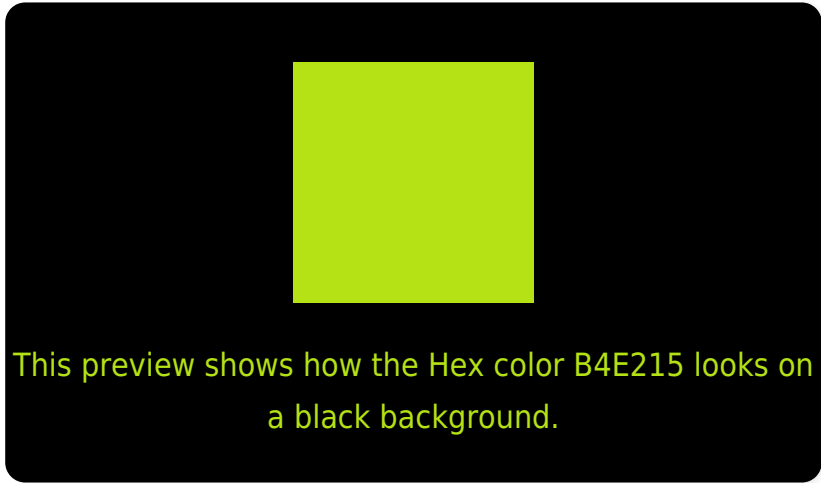
Large Text (above 18pt) WCAG AA × Fail

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 B4E215 Background



This preview shows how black text looks on a background with the Hex color B4E215.



This preview shows how white text looks on a background with the Hex color B4E215.

# 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**  
B4E215

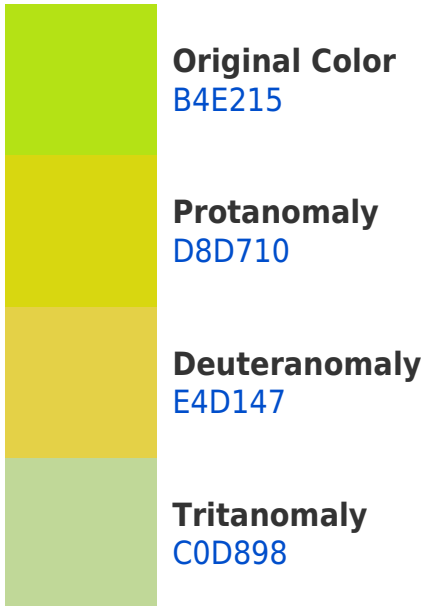
**Protanopia**  
ECD10D

**Deuteranopia**  
FFC864

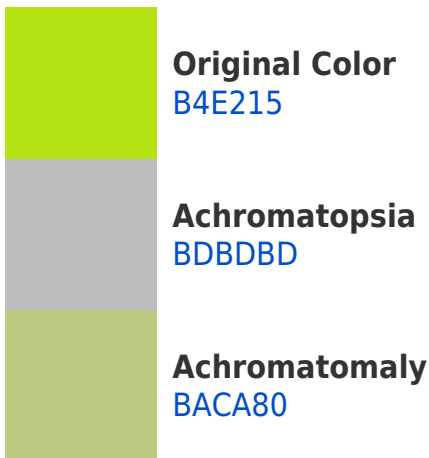


**Tritanopia**  
C7D2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4E215 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 #B4E215 looks like.

```
.text, #text, p{  
    color:#B4E215  
}
```

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 #B4E215 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4E215
}
```

## Border

The CSS property to change the border of an element to Hex B4E215 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
#B4E215 }
```

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

```
.border{ border-color:#B4E215 }
```

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

Here you see how a box with a 4 pixel #B4E215 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4E215; -webkit-box-shadow:4px 4px  
4px 4px #B4E215; box-shadow:4px 4px 4px  
4px #B4E215 }
```

# Background

The CSS property to change the background color of an element to Hex B4E215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4E215 }
```

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

```
.background{ background-color:#B4E215 }
```

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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