

Converting Colors

Hex(B4E21D)

Have a look what the booklet for
Hex(B4E21D) contains.

Hex(B4E21D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B4E21D)

Conversions

Conversions Part 1

Format	Color
Hex	B4E21D
RGB	180, 226, 29
RGB Percent	71%, 89%, 11%
CMY	0.2941, 0.1137, 0.8863
CMYK	0.20, 0.00, 0.87, 0.11
HSL	74°, 77%, 50%
HSV	74°, 87%, 89%
XYZ	46.2405, 64.1847, 11.1142
YIQ	189.7880, 35.8210, -71.0190

Conversions

Conversions Part 2

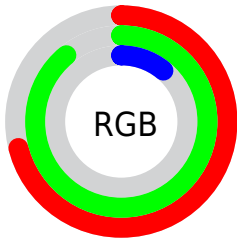
Format	Color
R _Y B	29, 226, 75
Decimal	11854365
CIE Lab	84.06, -38.05, 79.05
CIE LCh	84, 87.734, 115.706
Yxy	64.1847, 0.3805, 0.5281
Android (android.graphics.Color)	4290044445 (0xFFB4E21D)
YUV	189.7880, -79.2685, -8.5841
Hunter-Lab	80.1154, -37.1763, 47.8556

Details

The Hex color **B4E21D** 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 **4B1DE2**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **F0FF62**, and **7AAB00** is the 20% darker color. If you saturate the color by 10%, you get **AFE206**, and if you desaturate by 10%, it is **B9E234**.

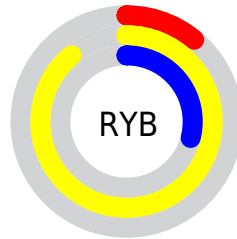
Distribution



Red (71%)

Green (89%)

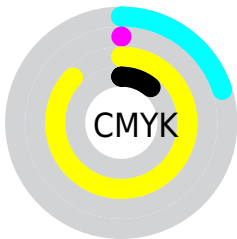
Blue (11%)



Red (11%)

Yellow (89%)

Blue (29%)

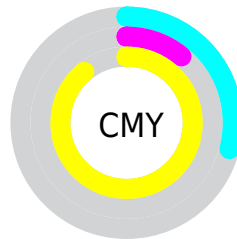


Cyan (20%)

Magenta (0%)

Yellow (87%)

Black (11%)



Cyan (29%)

Magenta (11%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4E21D 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 B4E21D by changing the saturation by 10% instead.

 B4E21D

 B4E21D

FFFFFF

 97C600

 F0FF62

 7AAB00

 FFFF7F

 5D9000

 FFFF9C

 407600

 FFFFBA

 205D00

 FFFFD7

 004500

 FFFFF5

 002E00

 001700

 000000

 B4E21D

 B4E21D

 AFE206

 B9E234

 ADE200

 BFE24A

 C4E261

 C9E277

 CEE28E

 D4E2A5

 D9E2BB

 DEE2D2

 E3E2E8

Harmonies

Analogous

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



FFCA00



B4E21D



2CF06E

Triad

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



B4E21D



00F1FF



FF7EE1

Complementary

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



B4E21D



4B1DE2

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.



FF9AFF



B4E21D



00DFFF

Square

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



B4E21D



00F8FF



B8C1FF



FF868F

Rectangle

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



B4E21D



00F6A6



B8C1FF



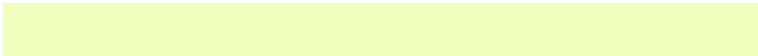
FF84FD

Sweetspot

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



B4E21D



F0FFBD



E24B1D



768058



000000



808080

Same Dimension

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



B4E21D



C3FF00



52E21D



6E7065



87B000



253000

Inverse Universe

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



4B1DE2



3C00FF



AD1DE2



686570



2900B0



0B0030

Previews

White Background



This preview shows how the Hex color B4E21D 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 B4E21D 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 B4E21D Background



This preview shows how black text looks on a background with the Hex color B4E21D.

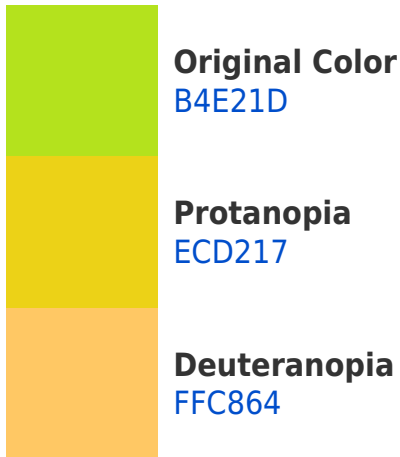


This preview shows how white text looks on a background with the Hex color B4E21D.

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](#).

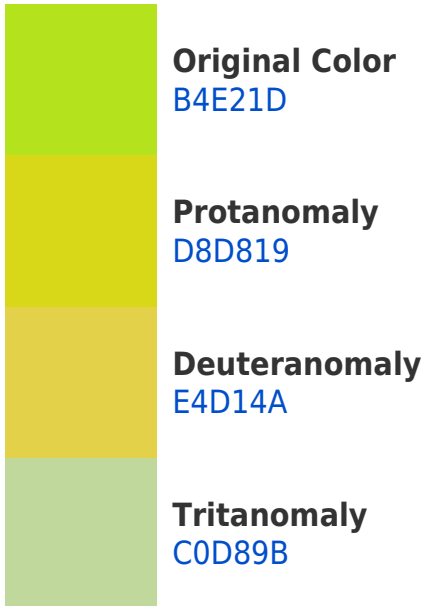
Dichromacy





Tritanopia
C7D2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B4E21D 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 #B4E21D looks like.

```
.text, #text, p{  
    color:#B4E21D  
}
```

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 #B4E21D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4E21D
}
```

Border

The CSS property to change the border of an element to Hex B4E21D 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
#B4E21D }
```

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

```
.border{ border-color:#B4E21D }
```

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

Here you see how a box with a 4 pixel #B4E21D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4E21D; -webkit-box-shadow:4px 4px  
4px 4px #B4E21D; box-shadow:4px 4px 4px  
4px #B4E21D }
```

Background

The CSS property to change the background color of an element to Hex B4E21D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4E21D }
```

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

```
.background{ background-color:#B4E21D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor