

# Converting Colors

Hex(B4E92D)

Have a look what the booklet for  
Hex(B4E92D) contains.

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**Color**

**Hex(B4E92D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4E92D
RGB	180, 233, 45
RGB Percent	71%, 91%, 18%
CMY	0.2941, 0.0863, 0.8235
CMYK	0.23, 0.00, 0.81, 0.09
HSL	77°, 81%, 55%
HSV	77°, 81%, 91%
XYZ	48.4350, 68.1706, 13.0881
YIQ	195.7210, 28.7600, -69.7040

# Conversions

## Conversions Part 2

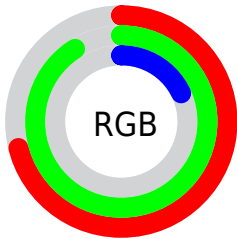
Format	Color
<a href="#">RYB</a>	<a href="#">45, 233, 98</a>
Decimal	<a href="#">11856173</a>
CIELab	<a href="#">86.09, -40.68, 77.32</a>
CIELCh	<a href="#">86, 87.364, 117.751</a>
Yxy	<a href="#">68.1706, 0.3735, 0.5256</a>
Android (android.graphics.Color)	<a href="#">4290046253</a> ( <a href="#">0xFFB4E92D</a> )
YUV	<a href="#">195.7210, -74.3055, -13.7873</a>
Hunter-Lab	<a href="#">82.5655, -39.7771, 48.3973</a>

# Details

The Hex color **B4E92D** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **622DE9**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **F0FF6C**, and **7AB100** is the 20% darker color. If you saturate the color by 10%, you get **ADE916**, and if you desaturate by 10%, it is **BBE944**.

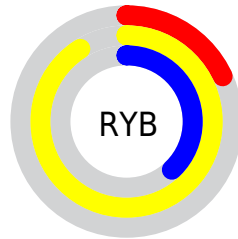
# Distribution



Red (71%)

Green (91%)

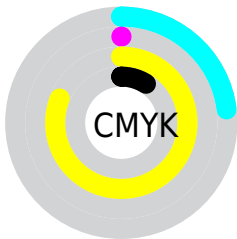
Blue (18%)



Red (18%)

Yellow (91%)

Blue (38%)

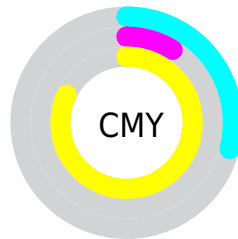


Cyan (23%)

Magenta (0%)

Yellow (81%)

Black (9%)



Cyan (29%)

Magenta (9%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4E92D 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 B4E92D by changing the saturation by 10% instead.



 B4E92D

 B4E92D

FFFFFF

 97CD00

 F0FF6C

 7AB100

 FFFF89

 5D9600

 FFFFA6

 407C00

 FFFF83

 1F6300

 FFFFE1

 004A00

 003300

 001E00

 000000

 B4E92D

 B4E92D

 ADE916

 BBE944

 A7E900

 C1E95C

 C8E973

 CEE98A

 D5E9A2

 DBE9B9

 E2E9D0

 E9E9E7

 EFE9FF

# Harmonies

## Analogous

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



FFD100



B4E92D



20F77A

# Triad

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



B4E92D



00F6FF



FF84E1

# Complementary

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



B4E92D



622DE9

# 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.



FF9EFF



B4E92D



00E3FF

# Square

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



B4E92D



00DFFF



C9C4FF



FF8E8F

# Rectangle

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



B4E92D



00FCB1



C9C4FF



FF89FD



# Sweetspot

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



B4E92D



EEFFC2



E95F2D



75805B



000000



808080



# Same Dimension

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



B4E92D



B9FF08



59E92D



72756A



82B500



263600



# Inverse Universe

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



622DE9



4D08FF



BD2DE9



6D6A75



3300B5

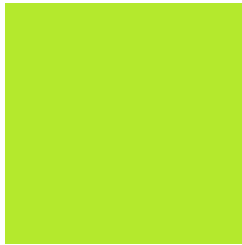


0F0036



# Previews

## White Background



This preview shows how the Hex color B4E92D looks on a white background.

## Color Contrast Check

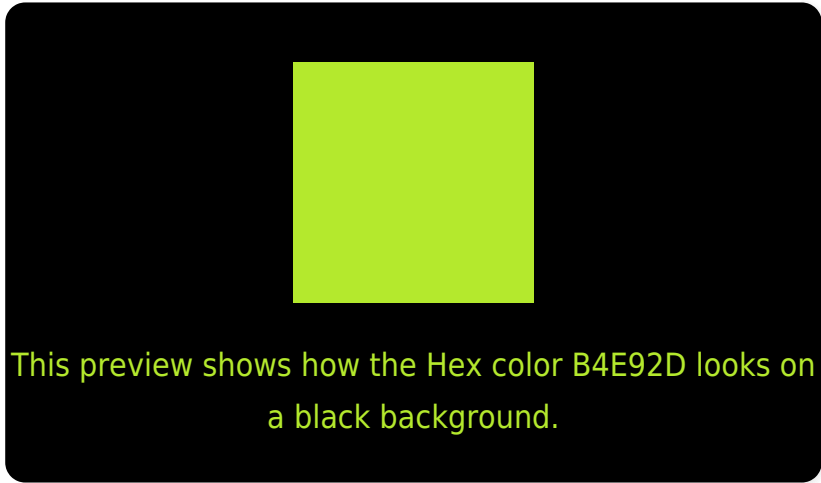
Large Text (above 18pt) WCAG AA × Fail

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 B4E92D Background



This preview shows how black text looks on a background with the Hex color B4E92D.



This preview shows how white text looks on a background with the Hex color B4E92D.

# 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**  
B4E92D

**Protanopia**  
F2D728

**Deuteranopia**  
FFCF82



**Tritanopia**  
C8D9EA

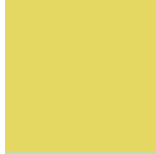
# Trichromacy



**Original Color**  
B4E92D



**Protanomaly**  
DBDE2A



**Deuteranomaly**  
E4D863

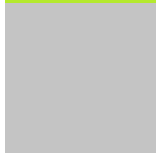


**Tritanomaly**  
C1DFA5

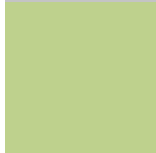
# Monochromacy



**Original Color**  
B4E92D



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
BED18D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4E92D 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 #B4E92D looks like.

```
.text, #text, p{  
    color:#B4E92D  
}
```

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 #B4E92D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4E92D
}
```

## Border

The CSS property to change the border of an element to Hex B4E92D 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
#B4E92D }
```

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

```
.border{ border-color:#B4E92D }
```

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

Here you see how a box with a 4 pixel #B4E92D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4E92D; -webkit-box-shadow:4px 4px  
4px 4px #B4E92D; box-shadow:4px 4px 4px  
4px #B4E92D }
```

# Background

The CSS property to change the background color of an element to Hex B4E92D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4E92D }
```

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

```
.background{ background-color:#B4E92D }
```

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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