

# Converting Colors

Hex(B2E56E)

Have a look what the booklet for  
Hex(B2E56E) contains.

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# Color

Hex(**B2E56E**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B2E56E
RGB	178, 229, 110
RGB Percent	70%, 90%, 43%
CMY	0.3020, 0.1020, 0.5686
CMYK	0.22, 0.00, 0.52, 0.10
HSL	86°, 70%, 66%
HSV	86°, 52%, 90%
XYZ	49.1939, 66.6294, 25.0198
YIQ	200.1850, 7.8030, -47.8210

# Conversions

## Conversions Part 2

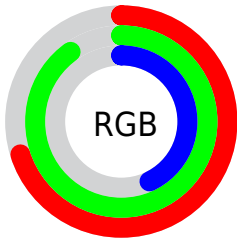
Format	Color
<a href="#">RYB</a>	<a href="#">110, 229, 161</a>
Decimal	<a href="#">11724142</a>
CIELab	<a href="#">85.32, -35.26, 52.18</a>
CIELCh	<a href="#">85, 62.980, 124.049</a>
Yxy	<a href="#">66.6294, 0.3493, 0.4731</a>
Android (android.graphics.Color)	<a href="#">4289914222</a> ( <a href="#">0xFFB2E56E</a> )
YUV	<a href="#">200.1850, -44.4612, -19.4562</a>
Hunter-Lab	<a href="#">81.6268, -35.2707, 38.9655</a>

# Details

The Hex color **B2E56E** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A16EE5**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **ECFFA4**, and **7AAD39** is the 20% darker color. If you saturate the color by 10%, you get **A8E557**, and if you desaturate by 10%, it is **BCE585**.

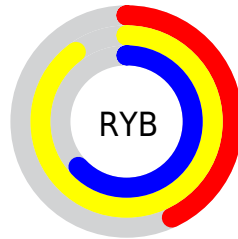
# Distribution



Red (70%)

Green (90%)

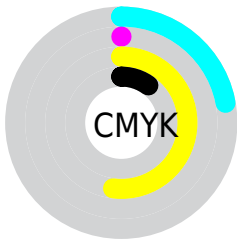
Blue (43%)



Red (43%)

Yellow (90%)

Blue (63%)

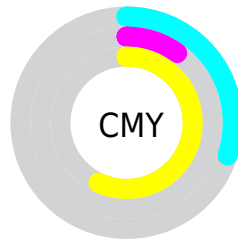


Cyan (22%)

Magenta (0%)

Yellow (52%)

Black (10%)



Cyan (30%)

Magenta (10%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2E56E 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 B2E56E by changing the saturation by 10% instead.



 B2E56E

 B2E56E

FFFFFF

 96C954

 ECFFA4

 7AAD39

 FFFFC0

 5F921D

 FFFFDD

 447800

 FFFFFA

 295F00

 084700

 003000

 001B00

 000000

 B2E56E

 B2E56E

 A8E557

 BCE585

 9EE540

 C6E59C

 95E529

 CFE5B3

 8BE512

 D9E5CA

 83E500

 E3E5E1

 EDE5F7

 F7E5FF

 FFE5FF

# Harmonies

## Analogous

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



F0D559



B2E56E



5EEF9F

# Triad

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



B2E56E



00E9FF



FFA2CF

# Complementary

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



B2E56E



A16EE5

# 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.



FFACFF



B2E56E



76D9FF

# Square

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



B2E56E



00F1FF



E4C2FF



FFAA96

# Rectangle

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



B2E56E



00F2C7



E4C2FF



FFA3E4

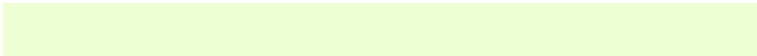


# Sweetspot

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



B2E56E



EEFFD6



E5A06E



758067



000000



808080



# Same Dimension

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



B2E56E



BBFF61



78E56E



6E7367



66B300



1D3300



# Inverse Universe

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



A16EE5



A561FF



DB6EE5



6C6773



4D00B3



160033



# Previews

## White Background



This preview shows how the Hex color B2E56E looks on a white background.

## Color Contrast Check

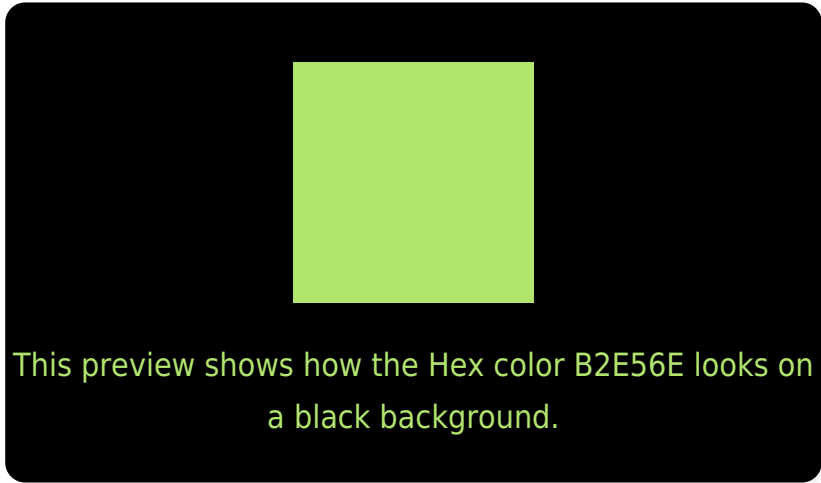
Large Text (above 18pt) WCAG AA × Fail

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 B2E56E Background



This preview shows how black text looks on a background with the Hex color B2E56E.

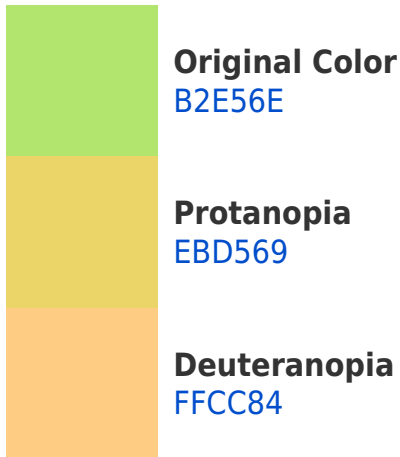


This preview shows how white text looks on a background with the Hex color B2E56E.

# 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](#).

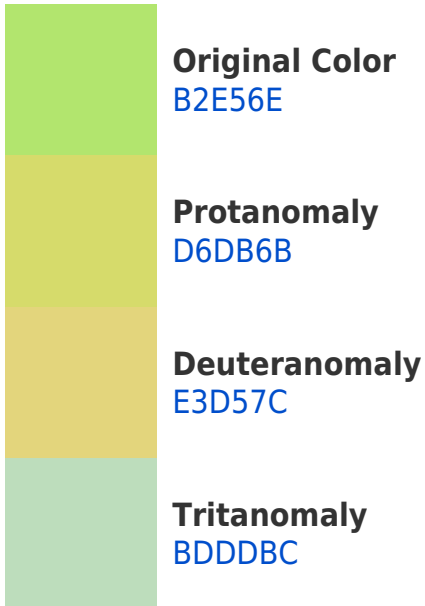
## Dichromacy



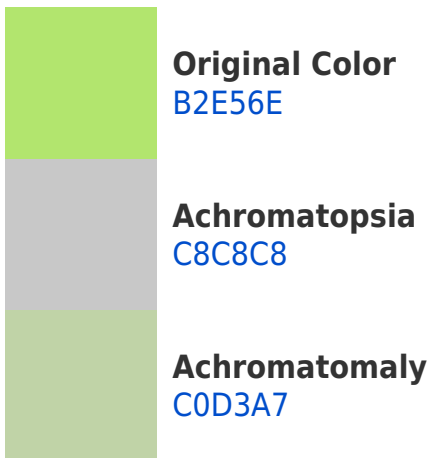


**Tritanopia**  
C3D8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2E56E 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 #B2E56E looks like.

```
.text, #text, p{  
    color:#B2E56E  
}
```

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 #B2E56E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2E56E
}
```

## Border

The CSS property to change the border of an element to Hex B2E56E 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
#B2E56E }
```

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

```
.border{ border-color:#B2E56E }
```

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

Here you see how a box with a 4 pixel #B2E56E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2E56E; -webkit-box-shadow:4px 4px  
4px 4px #B2E56E; box-shadow:4px 4px 4px  
4px #B2E56E }
```

# Background

The CSS property to change the background color of an element to Hex B2E56E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2E56E }
```

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

```
.background{ background-color:#B2E56E }
```

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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