

Converting Colors

Hex(B7E564)

Have a look what the booklet for
Hex(B7E564) contains.

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Color

Hex(B7E564)

Conversions

Conversions Part 1

Format	Color
Hex	B7E564
RGB	183, 229, 100
RGB Percent	72%, 90%, 39%
CMY	0.2824, 0.1020, 0.6078
CMYK	0.20, 0.00, 0.56, 0.10
HSL	81°, 71%, 65%
HSV	81°, 56%, 90%
XYZ	49.8480, 67.0260, 22.3666
YIQ	200.5400, 13.9930, -49.8710

Conversions

Conversions Part 2

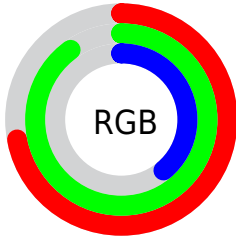
Format	Color
RYB	100, 229, 146
Decimal	12051812
CIELab	85.52, -34.36, 57.02
CIELCh	86, 66.572, 121.069
Yxy	67.0260, 0.3580, 0.4814
Android (android.graphics.Color)	4290241892 (0xFFB7E564)
YUV	200.5400, -49.5662, -15.3826
Hunter-Lab	81.8694, -34.5878, 41.1106

Details

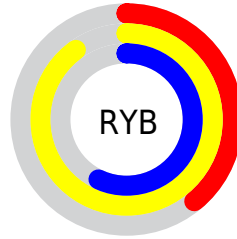
The Hex color **B7E564** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9264E5**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **F1FF9A**, and **7FAD2D** is the 20% darker color. If you saturate the color by 10%, you get **AFE54D**, and if you desaturate by 10%, it is **BFE57B**.

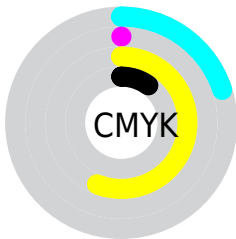
Distribution



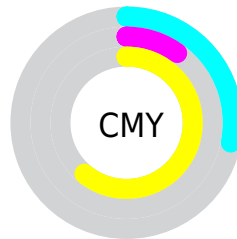
- Red (72%)
- Green (90%)
- Blue (39%)



- Red (39%)
- Yellow (90%)
- Blue (57%)



- Cyan (20%)
- Magenta (0%)
- Yellow (56%)
- Black (10%)



- Cyan (28%)
- Magenta (10%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7E564 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 B7E564 by changing the saturation by 10% instead.

 B7E564

 B7E564

FFFFFF

 9BC949

 F1FF9A

 7FAD2D

 FFFFB6

 649309

 FFFFD3

 487900

 FFFFF0

 2E6000

 0D4700

 003000

 001C00

 000000

 B7E564

 B7E564

 AFE54D

 BFE57B

 A7E536

 C7E592

 9FE51F

 CFE5A9

 96E508

 D8E5C0

 93E500

 E0E5D7

 E8E5ED

 F0E5FF

 F8E5FF

 FFE5FF

Harmonies

Analogous

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



F7D351



B7E564



60F096

Triad

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



B7E564



00ECFF



FF9ED6

Complementary

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



B7E564



9264E5

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.



FFABFF



B7E564



57DCFF

Square

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



B7E564



00F4FF



DBC4FF



FFA698

Rectangle

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



B7E564



00F4C0



DBC4FF



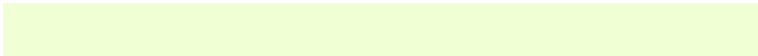
FFA0EB

Sweetspot

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



B7E564



F0FFD4



E59164



768066



000000



808080

Same Dimension

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



B7E564



C1FF52



77E564



6F7367



73B300



213300

Inverse Universe

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



9264E5



8F52FF



D264E5



6B6773



4000B3



120033

Previews

White Background



This preview shows how the Hex color B7E564 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 B7E564 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 B7E564 Background



This preview shows how black text looks on a background with the Hex color B7E564.

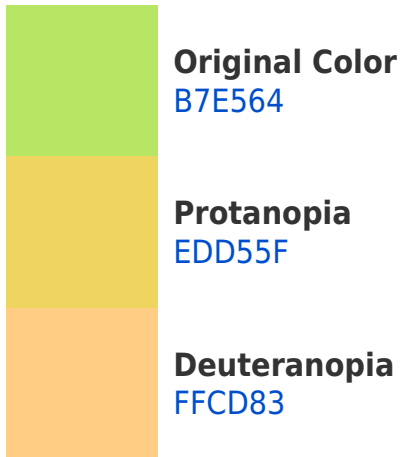


This preview shows how white text looks on a background with the Hex color B7E564.

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](#).

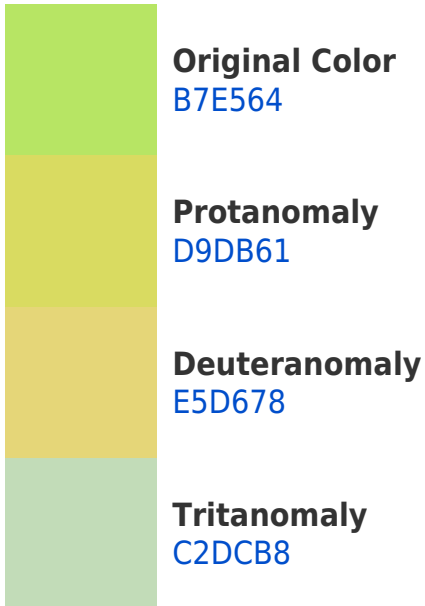
Dichromacy



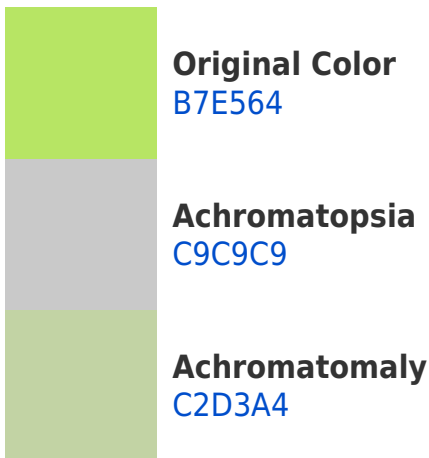


Tritanopia
C8D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7E564 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 #B7E564 looks like.

```
.text, #text, p{  
    color:#B7E564  
}
```

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 #B7E564 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7E564
}
```

Border

The CSS property to change the border of an element to Hex B7E564 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
#B7E564 }
```

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

```
.border{ border-color:#B7E564 }
```

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

Here you see how a box with a 4 pixel #B7E564 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7E564; -webkit-box-shadow:4px 4px  
4px 4px #B7E564; box-shadow:4px 4px 4px  
4px #B7E564 }
```

Background

The CSS property to change the background color of an element to Hex B7E564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7E564 }
```

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

```
.background{ background-color:#B7E564 }
```

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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