

Converting Colors

Hex(B2E97D)

Have a look what the booklet for
Hex(B2E97D) contains.

Hex(B2E97D)	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(B2E97D)

Conversions

Conversions Part 1

Format	Color
Hex	B2E97D
RGB	178, 233, 125
RGB Percent	70%, 91%, 49%
CMY	0.3020, 0.0863, 0.5098
CMYK	0.24, 0.00, 0.46, 0.09
HSL	91°, 71%, 70%
HSV	91°, 46%, 91%
XYZ	51.2007, 69.2235, 30.0649
YIQ	204.2430, 1.8880, -45.2480

Conversions

Conversions Part 2

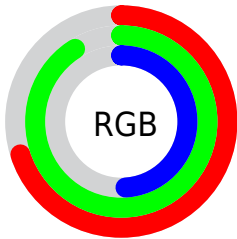
Format	Color
RYB	125, 233, 180
Decimal	11725181
CIELab	86.61, -35.47, 46.69
CIElCh	87, 58.633, 127.227
Yxy	69.2235, 0.3402, 0.4600
Android (android.graphics.Color)	4289915261 (0xFFB2E97D)
YUV	204.2430, -39.0668, -23.0151
Hunter-Lab	83.2006, -35.7544, 36.8157

Details

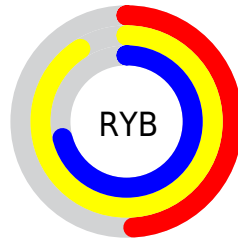
The Hex color **B2E97D** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B47DE9**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **EBFFB3**, and **7BB149** is the 20% darker color. If you saturate the color by 10%, you get **A6E966**, and if you desaturate by 10%, it is **BEE994**.

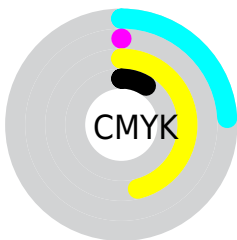
Distribution



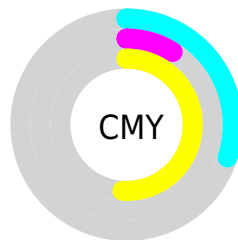
- Red (70%)
- Green (91%)
- Blue (49%)



- Red (49%)
- Yellow (91%)
- Blue (71%)



- Cyan (24%)
- Magenta (0%)
- Yellow (46%)
- Black (9%)



- Cyan (30%)
- Magenta (9%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2E97D 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 B2E97D by changing the saturation by 10% instead.

 B2E97D

 B2E97D

FFFFFF

 96CD63

 EBFFB3

 7BB149

 FFFFCF

 60962F

 FFFFEC

 457C13

 2A6300

 0D4A00

 003300

 001F00

 000000

 B2E97D

 B2E97D

 A6E966

 BEE994

 9AE94E

 CAE9AC

 8EE937

 D6E9C3

 83E920

 E1E9DA

 77E909

 EDE9F2

 72E900

 F9E9FF

 FFE9FF

Harmonies

Analogous

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



EDDA67



B2E97D



65F2AC

Triad

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



B2E97D



00EAFB



FFAACD

Complementary

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



B2E97D



B47DE9

Split Complementary

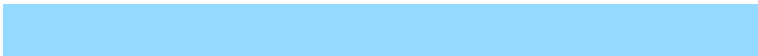
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB2FF



B2E97D



94DAFF

Square

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



B2E97D



00F3FF



EFC5FF



FFB398

Rectangle

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



B2E97D



00F5D2



EFC5FF



FFABE0

Sweetspot

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



B2E97D



EDFFDB



E9B37D



74806A



000000



808080

Same Dimension

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



B2E97D



B6FF70



7DE97D



6F756A



59B500



1A3600

Inverse Universe

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



B47DE9



B970FF



E97DE9



706A75



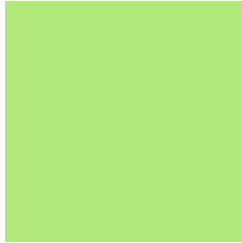
5C00B5



1B0036

Previews

White Background



This preview shows how the Hex color B2E97D looks on a white background.

Color Contrast Check

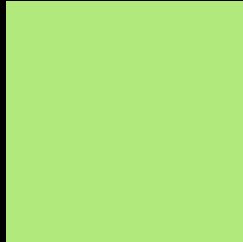
Large Text (above 18pt) WCAG AA × Fail

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 B2E97D 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 B2E97D Background



This preview shows how black text looks on a background with the Hex color B2E97D.

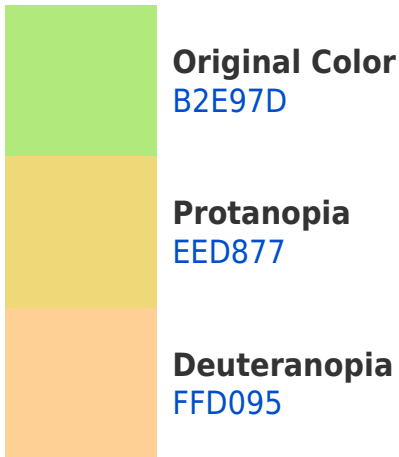


This preview shows how white text looks on a background with the Hex color B2E97D.

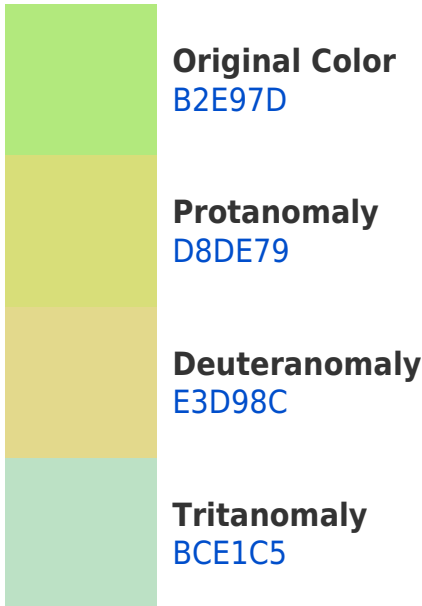
Color Blindness Simulation

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](#).

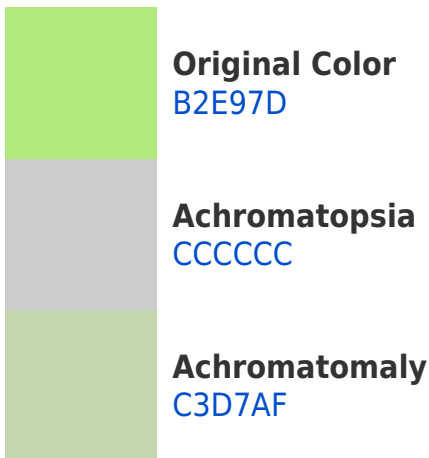
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2E97D 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 #B2E97D looks like.

```
.text, #text, p{  
    color:#B2E97D  
}
```

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 #B2E97D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2E97D
}
```

Border

The CSS property to change the border of an element to Hex B2E97D 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
#B2E97D }
```

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

```
.border{ border-color:#B2E97D }
```

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

Here you see how a box with a 4 pixel #B2E97D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2E97D; -webkit-box-shadow:4px 4px  
4px 4px #B2E97D; box-shadow:4px 4px 4px  
4px #B2E97D }
```

Background

The CSS property to change the background color of an element to Hex B2E97D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2E97D }
```

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

```
.background{ background-color:#B2E97D }
```

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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