

Converting Colors

Hex(B2EB96)

Have a look what the booklet for
Hex(B2EB96) contains.

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Color

Hex(B2EB96)

Conversions

Conversions Part 1

Format	Color
Hex	B2EB96
RGB	178, 235, 150
RGB Percent	70%, 92%, 59%
CMY	0.3020, 0.0784, 0.4118
CMYK	0.24, 0.00, 0.36, 0.08
HSL	100°, 68%, 75%
HSV	100°, 36%, 92%
XYZ	53.5734, 71.0836, 39.7511
YIQ	208.2670, -6.6870, -38.5190

Conversions

Conversions Part 2

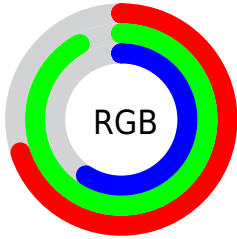
Format	Color
RYB	150, 235, 207
Decimal	11725718
CIELab	87.53, -33.21, 35.55
CIELCh	88, 48.648, 133.049
Yxy	71.0836, 0.3259, 0.4324
Android (android.graphics.Color)	4289915798 (0xFFB2EB96)
YUV	208.2670, -28.7256, -26.5442
Hunter-Lab	84.3111, -34.1210, 31.0637

Details

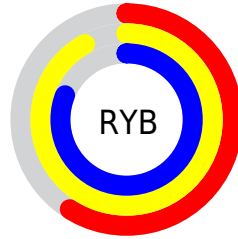
The Hex color **B2EB96** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **CF96EB**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **EBFFCD**, and **7BB362** is the 20% darker color. If you saturate the color by 10%, you get **A2EB7E**, and if you desaturate by 10%, it is **C2EBAE**.

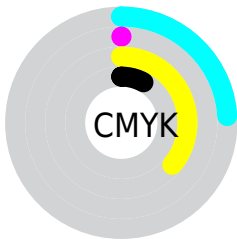
Distribution



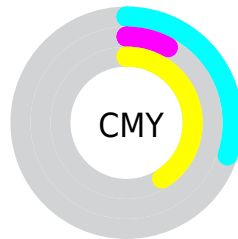
- Red (70%)
- Green (92%)
- Blue (59%)



- Red (59%)
- Yellow (92%)
- Blue (81%)



- Cyan (24%)
- Magenta (0%)
- Yellow (36%)
- Black (8%)



- Cyan (30%)
- Magenta (8%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2EB96 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 B2EB96 by changing the saturation by 10% instead.

 B2EB96

 B2EB96

FFFFFF

 96CF7C

 EBFFCD

 7BB362

 FFFF E9

 619849

 477E31

 2D6419

 104C00

 003500

 002200

 000000

 B2EB96

 B2EB96

 A2EB7E

 C2EBAE

 92EB67

 D2EBC5

 83EB4F

 E1EBDD

 73EB38

 F1EBF4

 63EB21

 FFEBFF

 53EB09

 4DEB00

Harmonies

Analogous

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



E5DF80



B2EB96



76F2BF

Triad

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



B2EB96



62E8FF



FFB7C9

Complementary

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



B2EB96



CF96EB

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.



FFBAF8



B2EB96



B8D9FF

Square

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



B2EB96



00F1FF



FAC8FF



FFC09E

Rectangle

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



B2EB96



42F4DF



FAC8FF



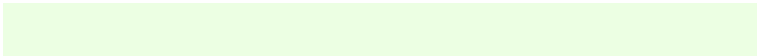
FFB7D8

Sweetspot

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



B2EB96



ECFFE3



EBCF96



74806F



000000



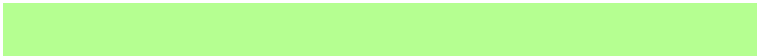
808080

Same Dimension

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



B2EB96



B5FF91



96EBA4



6D756A



3CB500



123600

Inverse Universe

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



CF96EB



DB91FF



EB96DD



716A75



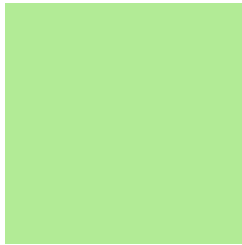
7900B5



240036

Previews

White Background



This preview shows how the Hex color B2EB96 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 B2EB96 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

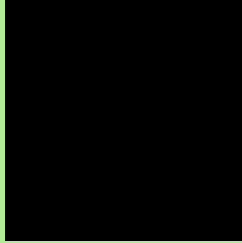
Any Text WCAG AA ✓ Pass

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 B2EB96 Background



This preview shows how black text looks on a background with the Hex color B2EB96.

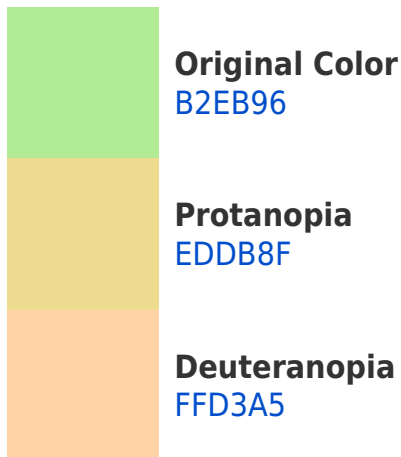


This preview shows how white text looks on a background with the Hex color B2EB96.

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](#).

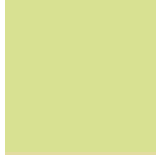
Dichromacy



Trichromacy



Original Color
B2EB96



Protanomaly
D8E192



Deuteranomaly
E3DCA0

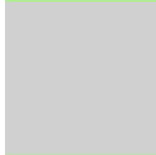


Tritanomaly
BCE4D1

Monochromacy



Original Color
B2EB96



Achromatopsia
D0D0D0



Achromatomaly
C5DABB

CSS Examples

Text

The CSS property to change the color of the text to Hex B2EB96 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 #B2EB96 looks like.

```
.text, #text, p{  
    color:#B2EB96  
}
```

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 #B2EB96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2EB96
}
```

Border

The CSS property to change the border of an element to Hex B2EB96 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
#B2EB96 }
```

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

```
.border{ border-color:#B2EB96 }
```

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

Here you see how a box with a 4 pixel #B2EB96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2EB96; -webkit-box-shadow:4px 4px  
4px 4px #B2EB96; box-shadow:4px 4px 4px  
4px #B2EB96 }
```

Background

The CSS property to change the background color of an element to Hex B2EB96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2EB96 }
```

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

```
.background{ background-color:#B2EB96 }
```

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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