

Converting Colors

Hex(B2ED98)

Have a look what the booklet for
Hex(B2ED98) contains.

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Color

Hex(B2ED98)

Conversions

Conversions Part 1

Format	Color
Hex	B2ED98
RGB	178, 237, 152
RGB Percent	70%, 93%, 60%
CMY	0.3020, 0.0706, 0.4039
CMYK	0.25, 0.00, 0.36, 0.07
HSL	102°, 70%, 76%
HSV	102°, 36%, 93%
XYZ	54.3118, 72.3003, 40.7986
YIQ	209.6690, -7.8790, -38.9430

Conversions

Conversions Part 2

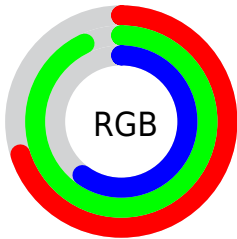
Format	Color
RYB	152, 237, 211
Decimal	11726232
CIELab	88.11, -33.85, 35.32
CIElCh	88, 48.922, 133.785
Yxy	72.3003, 0.3244, 0.4319
Android (android.graphics.Color)	4289916312 (0xFFB2ED98)
YUV	209.6690, -28.4308, -27.7737
Hunter-Lab	85.0296, -34.7868, 31.0724

Details

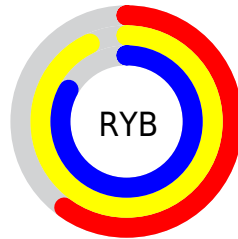
The Hex color **B2ED98** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D398ED**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **EBFFCF**, and **7BB564** is the 20% darker color. If you saturate the color by 10%, you get **A2ED80**, and if you desaturate by 10%, it is **C2EDB0**.

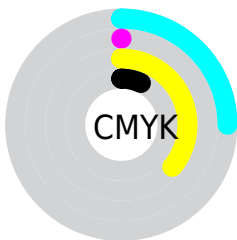
Distribution



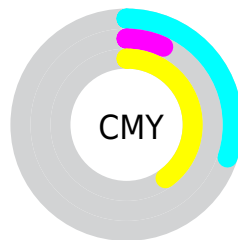
- Red (70%)
- Green (93%)
- Blue (60%)



- Red (60%)
- Yellow (93%)
- Blue (83%)



- Cyan (25%)
- Magenta (0%)
- Yellow (36%)
- Black (7%)



- Cyan (30%)
- Magenta (7%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2ED98 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 B2ED98 by changing the saturation by 10% instead.

 B2ED98

 B2ED98

FFFFFF

 96D17E

 EBFFCF

 7BB564

 FFFFEB

 619A4B

 478033

 2D661B

 0F4E00

 003600

 002300

 000000

 B2ED98

 B2ED98

 A2ED80

 C2EDB0

 91ED69

 D3EDC7

 81ED51

 E3EDDF

 70ED39

 F4EDF7

 60ED21

 FFEDFF

 4FED0A

 48ED00

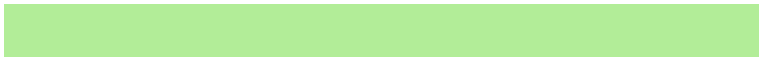
Harmonies

Analogous

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



E6E181



B2ED98



75F4C1

Triad

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



B2ED98



65E9FF



FFB9C9

Complementary

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



B2ED98



D398ED

Split Complementary

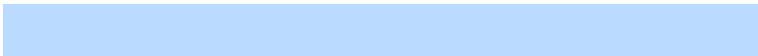
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBBF8



B2ED98



BBD AFF

Square

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



B2ED98



00F2FF



FDC9FF



FFC29F

Rectangle

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



B2ED98



40F6E2



FDC9FF



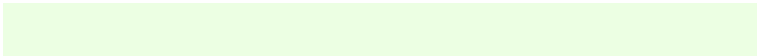
FFB8D9

Sweetspot

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



B2ED98



ECFFE3



EDD298



74806F



000000



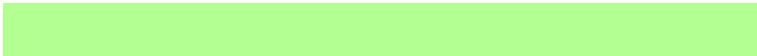
808080

Same Dimension

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



B2ED98



B3FF91



98EDA8



6D756A



37B500



103600

Inverse Universe

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



D398ED



DD91FF



ED98DD



726A75



7E00B5



250036

Previews

White Background



This preview shows how the Hex color B2ED98 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 B2ED98 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 B2ED98 Background



This preview shows how black text looks on a background with the Hex color B2ED98.

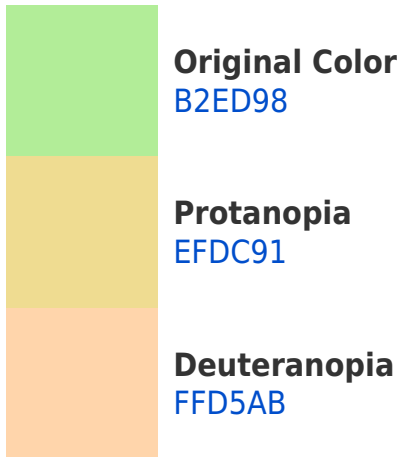


This preview shows how white text looks on a background with the Hex color B2ED98.

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
C1E2F4

Trichromacy



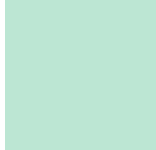
Original Color
B2ED98



Protanomaly
D9E294



Deuteranomaly
E3DEA4

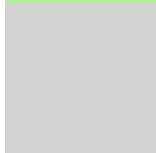


Tritanomaly
BCE6D3

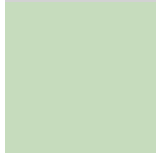
Monochromacy



Original Color
B2ED98



Achromatopsia
D2D2D2



Achromatomaly
C6DCBD

CSS Examples

Text

The CSS property to change the color of the text to Hex B2ED98 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 #B2ED98 looks like.

```
.text, #text, p{  
    color:#B2ED98  
}
```

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 #B2ED98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2ED98
}
```

Border

The CSS property to change the border of an element to Hex B2ED98 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
#B2ED98 }
```

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

```
.border{ border-color:#B2ED98 }
```

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

Here you see how a box with a 4 pixel #B2ED98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2ED98; -webkit-box-shadow:4px 4px  
4px 4px #B2ED98; box-shadow:4px 4px 4px  
4px #B2ED98 }
```

Background

The CSS property to change the background color of an element to Hex B2ED98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2ED98 }
```

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

```
.background{ background-color:#B2ED98 }
```

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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