

Converting Colors

Hex(B2F49E)

Have a look what the booklet for
Hex(B2F49E) contains.

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Color

Hex(B2F49E)

Conversions

Conversions Part 1

Format	Color
Hex	B2F49E
RGB	178, 244, 158
RGB Percent	70%, 96%, 62%
CMY	0.3020, 0.0431, 0.3804
CMYK	0.27, 0.00, 0.35, 0.04
HSL	106°, 80%, 79%
HSV	106°, 35%, 96%
XYZ	56.8823, 76.6350, 44.1418
YIQ	214.4620, -11.7300, -40.7380

Conversions

Conversions Part 2

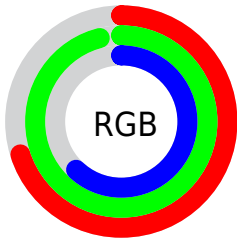
Format	Color
RYB	158, 244, 224
Decimal	11728030
CIELab	90.15, -36.20, 35.00
CIElCh	90, 50.355, 135.966
Yxy	76.6350, 0.3202, 0.4314
Android (android.graphics.Color)	4289918110 (0xFFB2F49E)
YUV	214.4620, -27.8358, -31.9772
Hunter-Lab	87.5414, -37.2124, 31.3827

Details

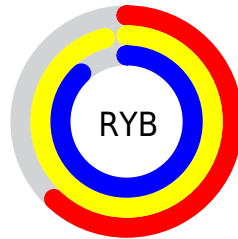
The Hex color **B2F49E** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **E09EF4**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **EBFFD5**, and **7BBB6A** is the 20% darker color. If you saturate the color by 10%, you get **9FF486**, and if you desaturate by 10%, it is **C5F4B6**.

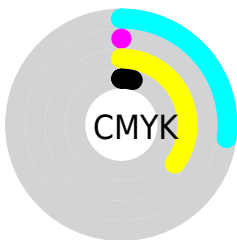
Distribution



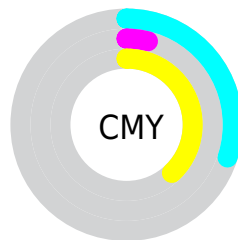
- Red (70%)
- Green (96%)
- Blue (62%)



- Red (62%)
- Yellow (96%)
- Blue (88%)



- Cyan (27%)
- Magenta (0%)
- Yellow (35%)
- Black (4%)



- Cyan (30%)
- Magenta (4%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2F49E 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 B2F49E by changing the saturation by 10% instead.

 B2F49E

 B2F49E

FFFFFF

 96D783

 EBFFD5

 7BBB6A

 FFFFF2

 60A051

 468638

 2B6C20

 0B5306

 003B00

 002600

 000100

 B2F49E

 B2F49E

 9FF486

 C5F4B6

 8DF46D

 D7F4CF

 7AF455

 EAF4E7

 67F43C

 FDF4FF

 54F424

 FFF4FF

 42F40C

 39F400

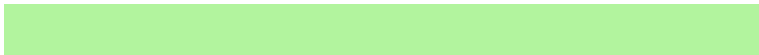
Harmonies

Analogous

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



E8E884



B2F49E



71FBCA

Triad

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



B2F49E



6DEEFF



FFBDCB

Complementary

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



B2F49E



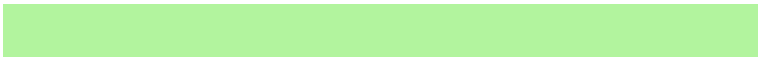
E09EF4

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.



FFBFFC



B2F49E



C6DFFF

Square

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



B2F49E



00F8FF



FFCDFF



FFC8A0

Rectangle

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



B2F49E



36FCEB



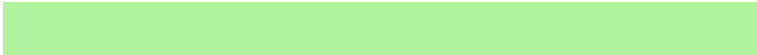
FFCDDF



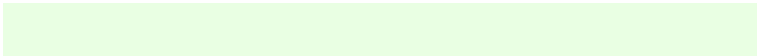
FFBCDB

Sweetspot

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



B2F49E



E9FFE3



F4E09E



73806F



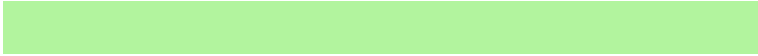
000000



808080

Same Dimension

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



B2F49E



A9FF94



9EF4B5



717A6E



2BBA00



0E3B00

Inverse Universe

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



E09EF4



E694FF



F49EDD



786E7A



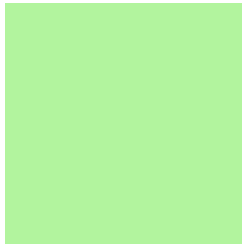
8F00BA



2D003B

Previews

White Background



This preview shows how the Hex color B2F49E looks on a white background.

Color Contrast Check

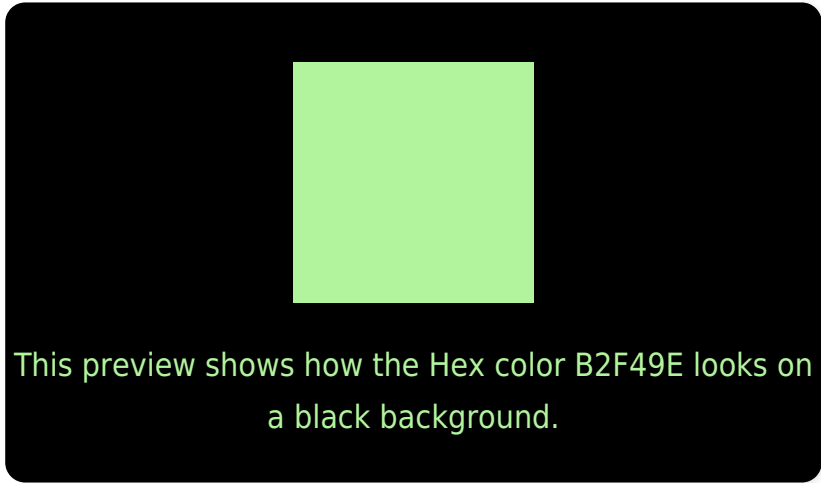
Large Text (above 18pt) WCAG AA × Fail

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

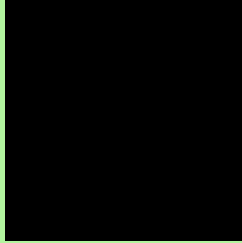
Any Text WCAG AA ✓ Pass

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 B2F49E Background



This preview shows how black text looks on a background with the Hex color B2F49E.

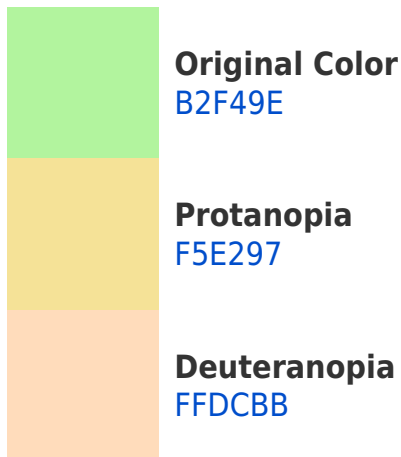


This preview shows how white text looks on a background with the Hex color B2F49E.

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



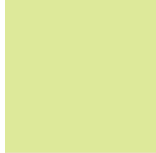


Tritanopia
C2E9FB

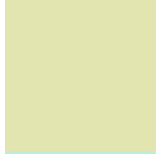
Trichromacy



Original Color
B2F49E



Protanomaly
DDE99A



Deuteranomaly
E3E5B0

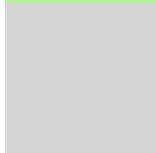


Tritanomaly
BCEDD9

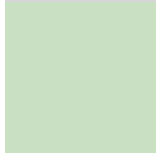
Monochromacy



Original Color
B2F49E



Achromatopsia
D6D6D6



Achromatomaly
C9E1C2

CSS Examples

Text

The CSS property to change the color of the text to Hex B2F49E 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 #B2F49E looks like.

```
.text, #text, p{  
    color:#B2F49E  
}
```

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 #B2F49E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2F49E
}
```

Border

The CSS property to change the border of an element to Hex B2F49E 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
#B2F49E }
```

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

```
.border{ border-color:#B2F49E }
```

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

Here you see how a box with a 4 pixel #B2F49E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2F49E; -webkit-box-shadow:4px 4px  
4px 4px #B2F49E; box-shadow:4px 4px 4px  
4px #B2F49E }
```

Background

The CSS property to change the background color of an element to Hex B2F49E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2F49E }
```

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

```
.background{ background-color:#B2F49E }
```

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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