

Converting Colors

Hex(B6F29B)

Have a look what the booklet for
Hex(B6F29B) contains.

Hex(B6F29B)	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(B6F29B)

Conversions

Conversions Part 1

Format	Color
Hex	B6F29B
RGB	182, 242, 155
RGB Percent	71%, 95%, 61%
CMY	0.2863, 0.0510, 0.3922
CMYK	0.25, 0.00, 0.36, 0.05
HSL	101°, 77%, 78%
HSV	101°, 36%, 95%
XYZ	56.9599, 75.8159, 42.6422
YIQ	214.1420, -7.8330, -39.7770

Conversions

Conversions Part 2

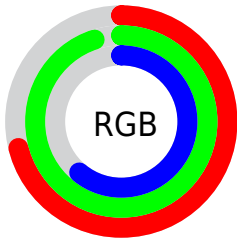
Format	Color
RYB	155, 242, 215
Decimal	11989659
CIELab	89.77, -34.37, 36.04
CIELCh	90, 49.805, 133.643
Yxy	75.8159, 0.3247, 0.4322
Android (android.graphics.Color)	4290179739 (0xFFB6F29B)
YUV	214.1420, -29.1570, -28.1885
Hunter-Lab	87.0723, -35.6076, 31.9144

Details

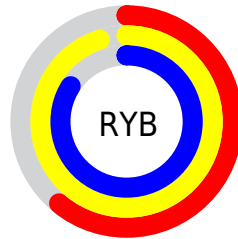
The Hex color **B6F29B** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D79BF2**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **EFFFD2**, and **7FBA67** is the 20% darker color. If you saturate the color by 10%, you get **A5F283**, and if you desaturate by 10%, it is **C7F2B3**.

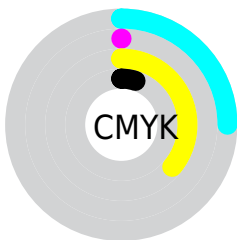
Distribution



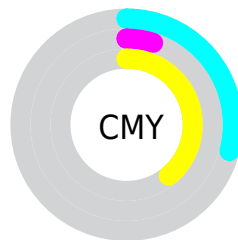
- Red (71%)
- Green (95%)
- Blue (61%)



- Red (61%)
- Yellow (95%)
- Blue (84%)



- Cyan (25%)
- Magenta (0%)
- Yellow (36%)
- Black (5%)



- Cyan (29%)
- Magenta (5%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color B6F29B 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 B6F29B by changing the saturation by 10% instead.

 B6F29B

 B6F29B

FFFFFF

 9AD580

 EFFFFD2

 7FBA67

 FFFFEEF

 659E4E

 4A8435

 306A1D

 145202

 003A00

 002500

 000000

 B6F29B

 B6F29B

 A5F283

 C7F2B3

 95F26B

 D7F2CB

 84F252

 E8F2E4

 73F23A

 F9F2FC

 63F222

 FFF2FF

 52F20A

 4BF200

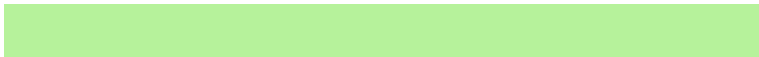
Harmonies

Analogous

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



EBE683



B6F29B



77F9C5

Triad

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



B6F29B



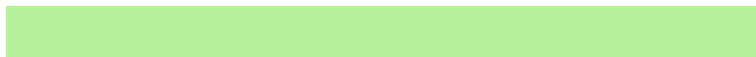
66EEFF



FFBCCE

Complementary

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



B6F29B



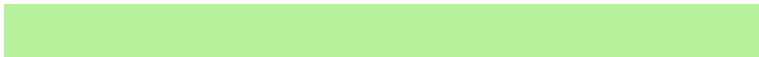
D79BF2

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.



FFBFFE



B6F29B



BFDFFF

Square

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



B6F29B



00F7FF



FFCDDF



FFC6A2

Rectangle

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



B6F29B



41FBE6



FFCDDF



FFBCDE

Sweetspot

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



B6F29B



ECFFE3



F2D69B



74806F



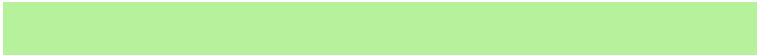
000000



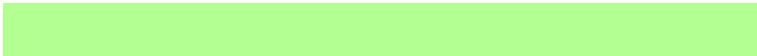
808080

Same Dimension

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



B6F29B



B3FF91



9BF2AB



70786C



39B800



113800

Inverse Universe

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



D79BF2



DD91FF



F29BE2



746C78



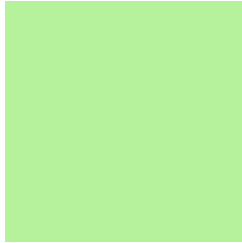
7F00B8



270038

Previews

White Background



This preview shows how the Hex color B6F29B 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 B6F29B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

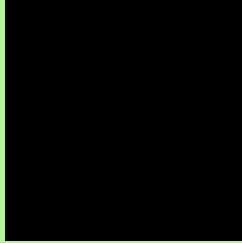
Any Text WCAG AA ✓ Pass

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 B6F29B Background



This preview shows how black text looks on a background with the Hex color B6F29B.

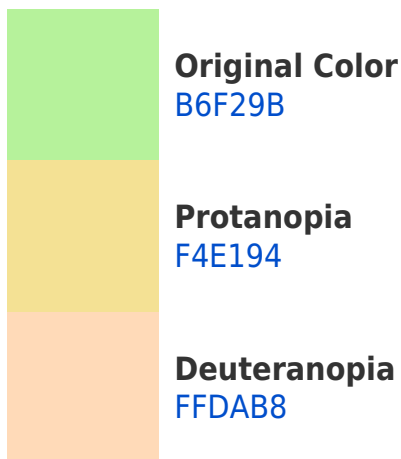


This preview shows how white text looks on a background with the Hex color B6F29B.

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



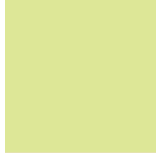


Tritanopia
C5E7F9

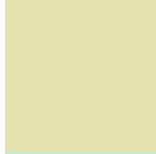
Trichromacy



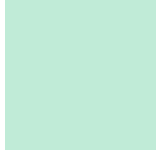
Original Color
B6F29B



Protanomaly
DDE797



Deuteranomaly
E4E3AD

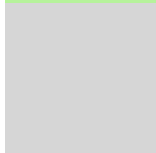


Tritanomaly
C0EBD7

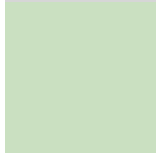
Monochromacy



Original Color
B6F29B



Achromatopsia
D6D6D6



Achromatomaly
CAE0C1

CSS Examples

Text

The CSS property to change the color of the text to Hex B6F29B 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 #B6F29B looks like.

```
.text, #text, p{  
    color:#B6F29B  
}
```

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 #B6F29B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6F29B
}
```

Border

The CSS property to change the border of an element to Hex B6F29B 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
#B6F29B }
```

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

```
.border{ border-color:#B6F29B }
```

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

Here you see how a box with a 4 pixel #B6F29B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6F29B; -webkit-box-shadow:4px 4px  
4px 4px #B6F29B; box-shadow:4px 4px 4px  
4px #B6F29B }
```

Background

The CSS property to change the background color of an element to Hex B6F29B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6F29B }
```

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

```
.background{ background-color:#B6F29B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor