

Converting Colors

Hex(B3E9A2)

Have a look what the booklet for
Hex(B3E9A2) contains.

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Color

Hex(B3E9A2)

Conversions

Conversions Part 1

Format	Color
Hex	B3E9A2
RGB	179, 233, 162
RGB Percent	70%, 91%, 64%
CMY	0.2980, 0.0863, 0.3647
CMYK	0.23, 0.00, 0.30, 0.09
HSL	106°, 62%, 77%
HSV	106°, 30%, 91%
XYZ	54.2509, 70.4702, 44.9252
YIQ	208.7600, -9.3930, -33.5290

Conversions

Conversions Part 2

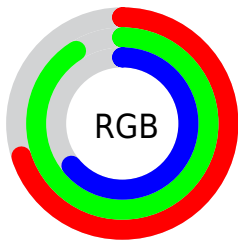
Format	Color
RYB	162, 233, 216
Decimal	11790754
CIELab	87.23, -30.19, 29.08
CIElCh	87, 41.919, 136.066
Yxy	70.4702, 0.3198, 0.4154
Android (android.graphics.Color)	4289980834 (0xFFB3E9A2)
YUV	208.7600, -23.0527, -26.0995
Hunter-Lab	83.9465, -31.5498, 27.0327

Details

The Hex color **B3E9A2** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **D8A2E9**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **ECFFD9**, and **7DB16E** is the 20% darker color. If you saturate the color by 10%, you get **A1E98B**, and if you desaturate by 10%, it is **C5E9B9**.

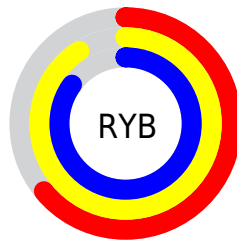
Distribution



Red (70%)

Green (91%)

Blue (64%)



Red (64%)

Yellow (91%)

Blue (85%)

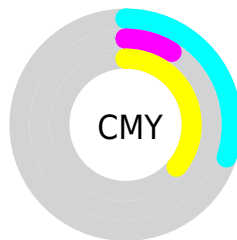


Cyan (23%)

Magenta (0%)

Yellow (30%)

Black (9%)



Cyan (30%)

Magenta (9%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3E9A2 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 B3E9A2 by changing the saturation by 10% instead.

 B3E9A2

 B3E9A2

FFFFFF

 98CD87

 ECFFD9

 7DB16E

 FFFFF6

 639655

 497C3D

 306326

 164B0E

 003300

 002000

 000000

 B3E9A2

 B3E9A2

 A1E98B

 C5E9B9

 90E973

 D6E9D1

 7EE95C

 E8E9E8

 6CE945

 FAE9FF

 5AE92D

 FFE9FF

 49E916

 38E900

Harmonies

Analogous

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



E0DF8D



B3E9A2



82EFC6

Triad

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



B3E9A2



85E4FF



FFBDC6

Complementary

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



B3E9A2



D8A2E9

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.



FFBEEF



B3E9A2



C5D7FF

Square

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



B3E9A2



4EEDFF



FAC9FF



FFC5A3

Rectangle

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



B3E9A2



61F0E2



FAC9FF



FFBCD4

Sweetspot

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



B3E9A2



EEFFE8



E9D7A2



758071



000000



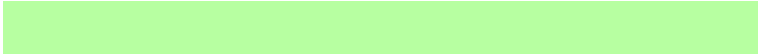
808080

Same Dimension

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



B3E9A2



B7FFA1



A2E9B4



6C756A



2BB500



0D3600

Inverse Universe

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



D8A2E9



E8A1FF



E9A2D7



726A75



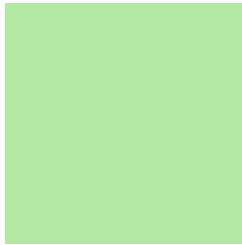
8A00B5



290036

Previews

White Background



This preview shows how the Hex color B3E9A2 looks on a white background.

Color Contrast Check

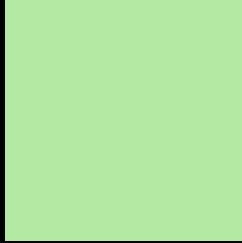
Large Text (above 18pt) WCAG AA × Fail

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 B3E9A2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

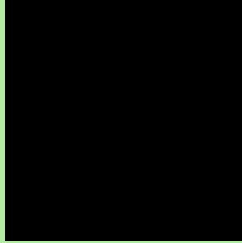
Any Text WCAG AA ✓ Pass

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 B3E9A2 Background



This preview shows how black text looks on a background with the Hex color B3E9A2.

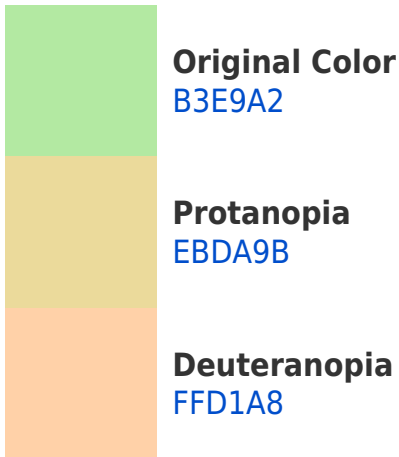


This preview shows how white text looks on a background with the Hex color B3E9A2.

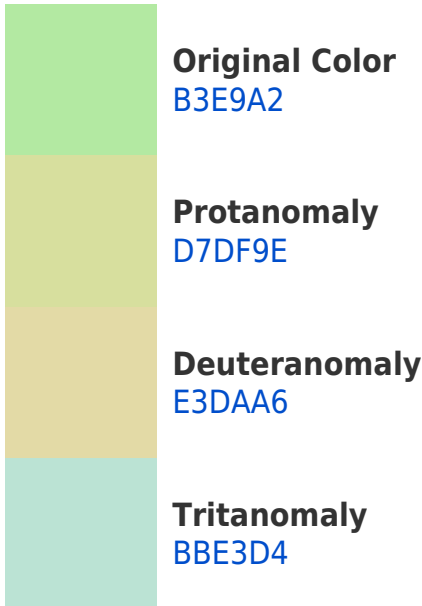
Color Blindness Simulation

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](#).

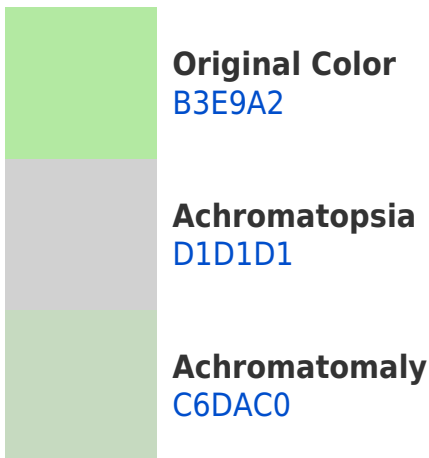
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B3E9A2 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 #B3E9A2 looks like.

```
.text, #text, p{  
    color:#B3E9A2  
}
```

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 #B3E9A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3E9A2
}
```

Border

The CSS property to change the border of an element to Hex B3E9A2 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
#B3E9A2 }
```

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

```
.border{ border-color:#B3E9A2 }
```

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

Here you see how a box with a 4 pixel #B3E9A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3E9A2; -webkit-box-shadow:4px 4px  
4px 4px #B3E9A2; box-shadow:4px 4px 4px  
4px #B3E9A2 }
```

Background

The CSS property to change the background color of an element to Hex B3E9A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3E9A2 }
```

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

```
.background{ background-color:#B3E9A2 }
```

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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