

# Converting Colors

Hex(B4EA96)

Have a look what the booklet for  
Hex(B4EA96) contains.

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**Color**

**Hex(B4EA96)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4EA96
RGB	180, 234, 150
RGB Percent	71%, 92%, 59%
CMY	0.2941, 0.0824, 0.4118
CMYK	0.23, 0.00, 0.36, 0.08
HSL	99°, 67%, 75%
HSV	99°, 36%, 92%
XYZ	53.7502, 70.7509, 39.6775
YIQ	208.2780, -5.2200, -37.5720

# Conversions

## Conversions Part 2

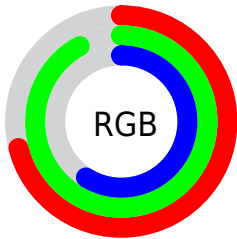
Format	Color
<a href="#">RYB</a>	<a href="#">150, 234, 204</a>
Decimal	<a href="#">11856534</a>
CIELab	<a href="#">87.36, -32.06, 35.36</a>
CIELCh	<a href="#">87, 47.728, 132.196</a>
Yxy	<a href="#">70.7509, 0.3274, 0.4309</a>
Android (android.graphics.Color)	<a href="#">4290046614 (0xFFB4EA96)</a>
YUV	<a href="#">208.2780, -28.7311, -24.7998</a>
Hunter-Lab	<a href="#">84.1136, -33.1338, 30.9116</a>

# Details

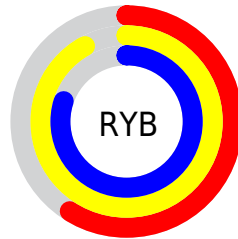
The Hex color **B4EA96** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **CC96EA**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **EDFFCD**, and **7DB262** is the 20% darker color. If you saturate the color by 10%, you get **A5EA7F**, and if you desaturate by 10%, it is **C3EAAD**.

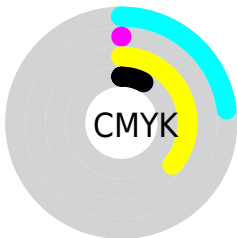
# Distribution



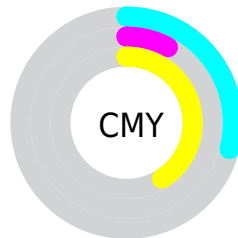
- Red (71%)
- Green (92%)
- Blue (59%)



- Red (59%)
- Yellow (92%)
- Blue (80%)



- Cyan (23%)
- Magenta (0%)
- Yellow (36%)
- Black (8%)



- Cyan (29%)
- Magenta (8%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B4EA96 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 B4EA96 by changing the saturation by 10% instead.





B4EA96



B4EA96

FFFFFF



98CE7C



EDFFCD



7DB262



FFFFE9



639749



497D31



306419



144B00



003400



002100



000000

 B4EA96

 B4EA96

 A5EA7F

 C3EAAD

 96EA67

 D2EAC5

 87EA50

 E1EADC

 78EA38

 F0EAF4

 69EA21

 FFEAFF

 5AEA0A

 54EA00

# Harmonies

## Analogous

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



E6DE81



B4EA96



7AF1BE

# Triad

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



B4EA96



63E7FF



FFB7CA

# Complementary

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



B4EA96



CC96EA

# Split Complementary

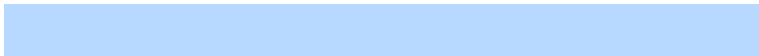
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBBF8



B4EA96



B7D9FF

# Square

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



B4EA96



00F0FF



F8C8FF



FFC0A0

# Rectangle

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



B4EA96



4AF3DD



F8C8FF



FFB7D9

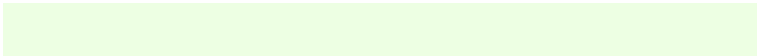


# Sweetspot

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



B4EA96



EDFFE3



EACB96



75806F



000000



808080



# Same Dimension

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



B4EA96



B9FF91



96EAA1



6E756A



41B500



133600



# Inverse Universe

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



CC96EA



D891FF



EA96DF



716A75



7400B5

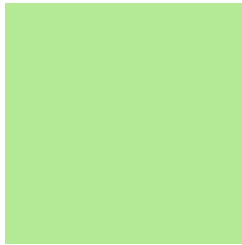


220036



# Previews

## White Background



This preview shows how the Hex color B4EA96 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 B4EA96 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 B4EA96 Background



This preview shows how black text looks on a background with the Hex color B4EA96.

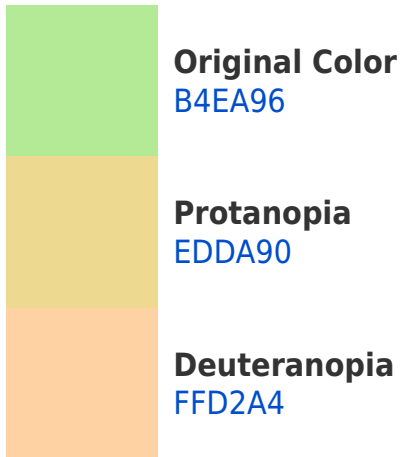


This preview shows how white text looks on a background with the Hex color B4EA96.

# 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



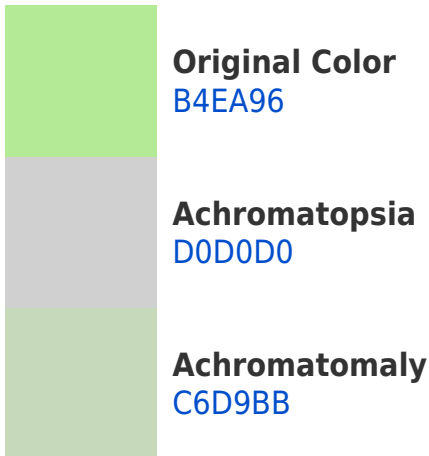


**Tritanopia**  
C2DFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B4EA96 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 #B4EA96 looks like.

```
.text, #text, p{  
    color:#B4EA96  
}
```

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 #B4EA96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4EA96
}
```

## Border

The CSS property to change the border of an element to Hex B4EA96 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
#B4EA96 }
```

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

```
.border{ border-color:#B4EA96 }
```

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

Here you see how a box with a 4 pixel #B4EA96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4EA96; -webkit-box-shadow:4px 4px  
4px 4px #B4EA96; box-shadow:4px 4px 4px  
4px #B4EA96 }
```

# Background

The CSS property to change the background color of an element to Hex B4EA96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4EA96 }
```

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

```
.background{ background-color:#B4EA96 }
```

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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