

# Converting Colors

Hex(B2E49A)

Have a look what the booklet for  
Hex(B2E49A) contains.

<b>Hex(B2E49A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(B2E49A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B2E49A
RGB	178, 228, 154
RGB Percent	70%, 89%, 60%
CMY	0.3020, 0.1059, 0.3961
CMYK	0.22, 0.00, 0.32, 0.11
HSL	101°, 58%, 75%
HSV	101°, 32%, 89%
XYZ	51.9362, 67.2849, 40.8218
YIQ	204.6140, -6.0460, -33.6140

# Conversions

## Conversions Part 2

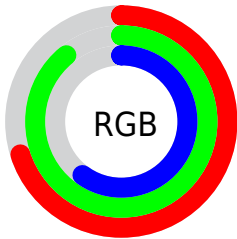
Format	Color
<a href="#">RYB</a>	<a href="#">154, 228, 204</a>
Decimal	<a href="#">11723930</a>
CIELab	<a href="#">85.65, -29.36, 31.04</a>
CIElCh	<a href="#">86, 42.729, 133.411</a>
Yxy	<a href="#">67.2849, 0.3245, 0.4204</a>
Android (android.graphics.Color)	<a href="#">4289914010 (0xFFB2E49A)</a>
YUV	<a href="#">204.6140, -24.9527, -23.3405</a>
Hunter-Lab	<a href="#">82.0274, -30.5293, 27.9128</a>

# Details

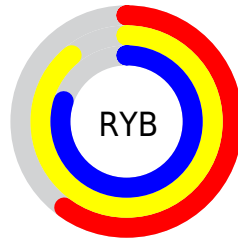
The Hex color **B2E49A** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CC9AE4**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **EBFFD1**, and **7CAC66** is the 20% darker color. If you saturate the color by 10%, you get **A3E483**, and if you desaturate by 10%, it is **C1E4B1**.

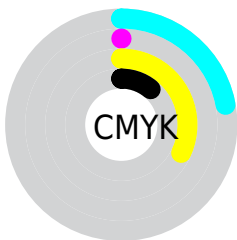
# Distribution



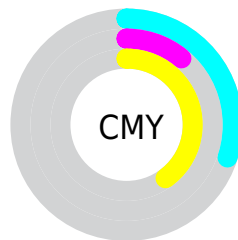
- Red (70%)
- Green (89%)
- Blue (60%)



- Red (60%)
- Yellow (89%)
- Blue (80%)



- Cyan (22%)
- Magenta (0%)
- Yellow (32%)
- Black (11%)



- Cyan (30%)
- Magenta (11%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2E49A 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 B2E49A by changing the saturation by 10% instead.



 B2E49A

 B2E49A

FFFFFF

 97C880

 EBFFD1

 7CAC66

 FFFFED

 62924D

 497836

 2F5F1E

 154706

 003000

 001C00

 000000

 B2E49A

 B2E49A

 A3E483

 C1E4B1

 93E46C

 D1E4C8

 84E456

 E0E4DE

 74E43F

 F0E4F5

 65E428

 FFE4FF

 56E411

 4AE400

# Harmonies

## Analogous

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



DFD986



B2E49A



80EABE

# Triad

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



B2E49A



77E1FF



FFB7C5

# Complementary

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



B2E49A



CC9AE4

# 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.



FFBAEE



B2E49A



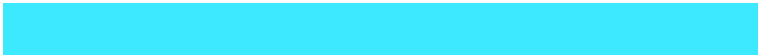
BAD4FF

# Square

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



B2E49A



3DE9FF



F2C5FF



FFBFA0

# Rectangle

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



B2E49A



5DECEA



F2C5FF



FFB7D3



# Sweetspot

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



B2E49A



EEFFE6



E4CB9A



758070



000000



808080

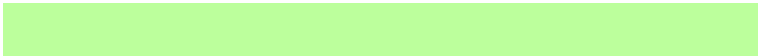


# Same Dimension

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



B2E49A



BCFF9C



9AE4A6



6B7367



3AB300



113300



# Inverse Universe

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



CC9AE4



DF9CFF



E49AD8



6F6773



7900B3



220033



# Previews

## White Background



This preview shows how the Hex color B2E49A 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 B2E49A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

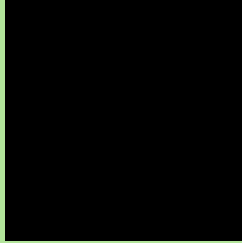
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2E49A Background



This preview shows how black text looks on a background with the Hex color B2E49A.

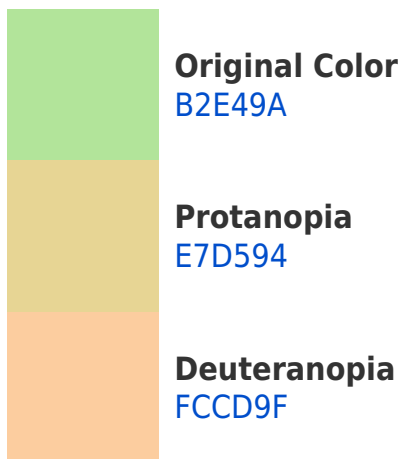


This preview shows how white text looks on a background with the Hex color B2E49A.

# Color Blindness Simulation

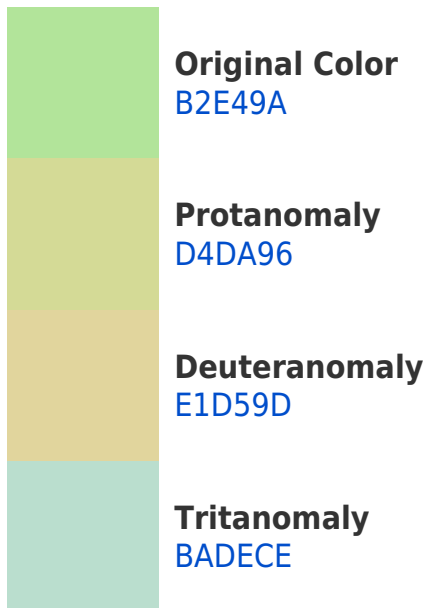
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

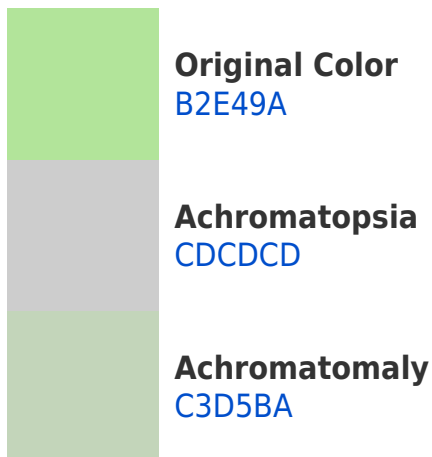




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2E49A 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 #B2E49A looks like.

```
.text, #text, p{  
    color:#B2E49A  
}
```

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 #B2E49A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2E49A
}
```

## Border

The CSS property to change the border of an element to Hex B2E49A 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
#B2E49A }
```

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

```
.border{ border-color:#B2E49A }
```

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

Here you see how a box with a 4 pixel #B2E49A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2E49A; -webkit-box-shadow:4px 4px  
4px 4px #B2E49A; box-shadow:4px 4px 4px  
4px #B2E49A }
```

# Background

The CSS property to change the background color of an element to Hex B2E49A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2E49A }
```

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

```
.background{ background-color:#B2E49A }
```

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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