

# Converting Colors

Hex(B2BE96)

Have a look what the booklet for  
Hex(B2BE96) contains.

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# **Color**

**Hex(B2BE96)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2BE96
RGB	178, 190, 150
RGB Percent	70%, 75%, 59%
CMY	0.3020, 0.2549, 0.4118
CMYK	0.06, 0.00, 0.21, 0.25
HSL	78°, 24%, 67%
HSV	78°, 21%, 75%
XYZ	42.2786, 48.4939, 35.9861
YIQ	181.8520, 5.6880, -14.9840

# Conversions

## Conversions Part 2

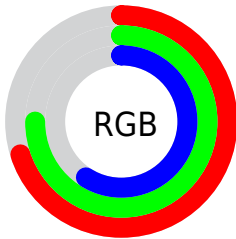
Format	Color
<a href="#">RYB</a>	<a href="#">150, 190, 162</a>
Decimal	<a href="#">11714198</a>
CIELab	<a href="#">75.14, -11.15, 18.85</a>
CIELCh	<a href="#">75, 21.900, 120.596</a>
Yxy	<a href="#">48.4939, 0.3335, 0.3826</a>
Android (android.graphics.Color)	<a href="#">4289904278 (0xFFB2BE96)</a>
YUV	<a href="#">181.8520, -15.7030, -3.3782</a>
Hunter-Lab	<a href="#">69.6376, -13.4942, 18.1074</a>

# Details

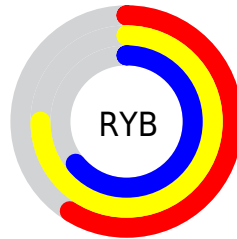
The Hex color **B2BE96** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A296BE**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **EAF6CC**, and **7D8963** is the 20% darker color. If you saturate the color by 10%, you get **ACBE83**, and if you desaturate by 10%, it is **B8BEA9**.

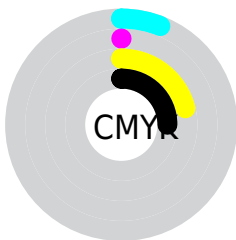
# Distribution



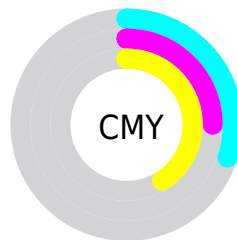
- Red (70%)
- Green (75%)
- Blue (59%)



- Red (59%)
- Yellow (75%)
- Blue (64%)



- Cyan (6%)
- Magenta (0%)
- Yellow (21%)
- Black (25%)



- Cyan (30%)
- Magenta (25%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B2BE96 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 B2BE96 by changing the saturation by 10% instead.



 B2BE96

 B2BE96

FFFFFF

 97A37C

 EAF6CC

 7D8963

 FFFFE9

 646F4B

 4C5734

 34401E

 1F2A07

 001600

 000000

 B2BE96

 B2BE96

 ACBE83

 B8BEA9

 A7BE70

 BDBEBC

 A1BE5D

 C3BEFC

 9BBE4A

 C9BEE2

 95BE37

 CFBEF5

 90BE24

 D4BEFF

 8ABE11

 DABEFF

 85BE00

 E0BEFF

 E5BEFF

# Harmonies

## Analogous

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



C8B891



B2BE96



9BC3A5

# Triad

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



B2BE96



8BC0DB



E1ABB9

# Complementary

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



B2BE96



A296BE

# 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.



D4AECD



B2BE96



A2BBE1

# Square

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



B2BE96



81C4CD



BDB4DC



E2ACA5

# Rectangle

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



B2BE96



8EC4B2



BDB4DC



DEABC0



# Sweetspot

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



B2BE96



F3F7E9



BEA296



7A7D74



FCFCFC



7D7D7D



# Same Dimension

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



B2BE96



E5F7BA



9EBE96



5C5E55



6F9E00



151F00



# Inverse Universe

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



A296BE



CCBAF7



B696BE



58555E



2F009E



09001F



# Previews

## White Background



This preview shows how the Hex color B2BE96 looks on a white background.

## Color Contrast Check

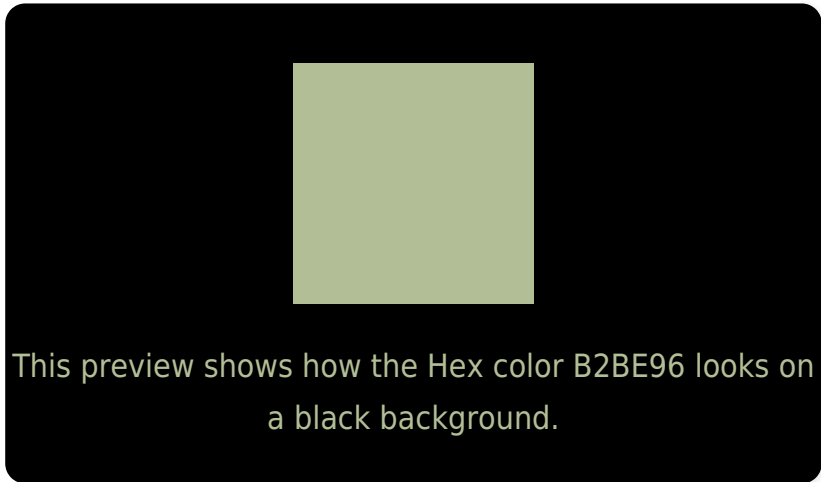
Large Text (above 18pt) WCAG AA × Fail

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

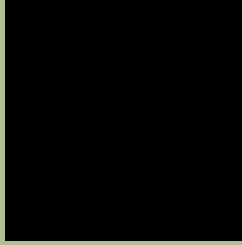
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

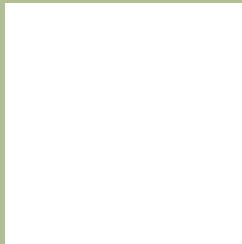
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B2BE96 Background



This preview shows how black text looks on a background with the Hex color B2BE96.



This preview shows how white text looks on a background with the Hex color B2BE96.

# 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



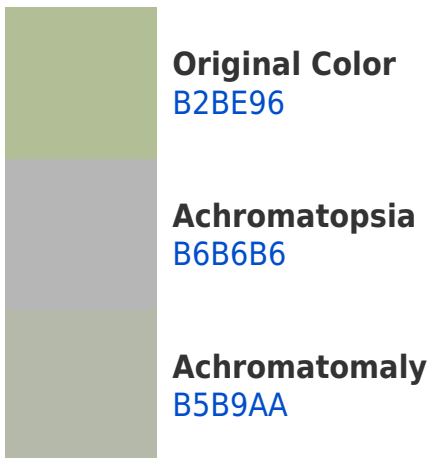


**Tritanopia**  
B9B7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B2BE96 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 #B2BE96 looks like.

```
.text, #text, p{  
    color:#B2BE96  
}
```

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 #B2BE96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2BE96
}
```

## Border

The CSS property to change the border of an element to Hex B2BE96 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
#B2BE96 }
```

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

```
.border{ border-color:#B2BE96 }
```

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

Here you see how a box with a 4 pixel #B2BE96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2BE96; -webkit-box-shadow:4px 4px  
4px 4px #B2BE96; box-shadow:4px 4px 4px  
4px #B2BE96 }
```

# Background

The CSS property to change the background color of an element to Hex B2BE96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2BE96 }
```

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

```
.background{ background-color:#B2BE96 }
```

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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