

Converting Colors

Hex(B1BF93)

Have a look what the booklet for
Hex(B1BF93) contains.

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Color

Hex(B1BF93)

Conversions

Conversions Part 1

Format	Color
Hex	B1BF93
RGB	177, 191, 147
RGB Percent	69%, 75%, 58%
CMY	0.3059, 0.2510, 0.4235
CMYK	0.07, 0.00, 0.23, 0.25
HSL	79°, 26%, 66%
HSV	79°, 23%, 75%
XYZ	42.0287, 48.7153, 34.7916
YIQ	181.7980, 5.7800, -16.6520

Conversions

Conversions Part 2

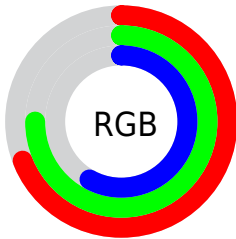
Format	Color
RYB	147, 191, 161
Decimal	11648915
CIELab	75.27, -12.50, 20.64
CIElCh	75, 24.126, 121.197
Yxy	48.7153, 0.3348, 0.3881
Android (android.graphics.Color)	4289838995 (0xFFB1BF93)
YUV	181.7980, -17.1554, -4.2078
Hunter-Lab	69.7963, -14.6576, 19.3030

Details

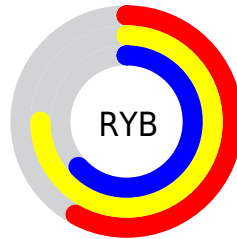
The Hex color **B1BF93** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **A193BF**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **E9F7C9**, and **7C8A60** is the 20% darker color. If you saturate the color by 10%, you get **ABBF80**, and if you desaturate by 10%, it is **B7BFA6**.

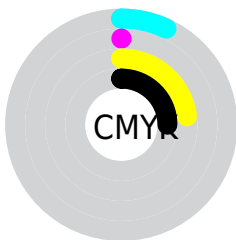
Distribution



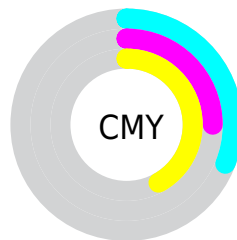
- Red (69%)
- Green (75%)
- Blue (58%)



- Red (58%)
- Yellow (75%)
- Blue (63%)



- Cyan (7%)
- Magenta (0%)
- Yellow (23%)
- Black (25%)



- Cyan (31%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color B1BF93 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 B1BF93 by changing the saturation by 10% instead.

 B1BF93

 B1BF93

FFFFFF

 96A479

 E9F7C9

 7C8A60

 FFFFE5

 637048

 4B5831

 33401B

 1E2A03

 001700

 000000

 B1BF93

 B1BF93

 ABBF80

 B7BFA6

 A5BF6D

 BDBFB9

 9FBF5A

 C3BFCC

 99BF47

 C9BFDF

 93BF33

 CFBFF3

 8DBF20

 D5BFFF

 86BF0D

 DCBFFF

 82BF00

 E2BFFF

 E8BFFF

Harmonies

Analogous

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



C9B88D



B1BF93



98C4A3

Triad

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



B1BF93



86C1E0



E5A9B9

Complementary

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



B1BF93



A193BF

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.



D7ADCF



B1BF93



A0BBE5

Square

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



B1BF93



7AC5D0



BEB3DF



E6ABA3

Rectangle

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



B1BF93



89C6B2



BEB3DF



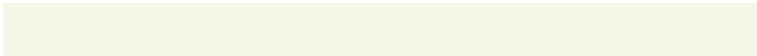
E2AAC1

Sweetspot

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



B1BF93



F2F7E6



BFA193



7A7D73



FCFCFC



7D7D7D

Same Dimension

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



B1BF93



E1F7B2



9BBF93



5B5E55



6C9E00



151F00

Inverse Universe

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



A193BF



C8B2F7



B793BF



58555E



32009E



0A001F

Previews

White Background



This preview shows how the Hex color B1BF93 looks on a white background.

Color Contrast Check

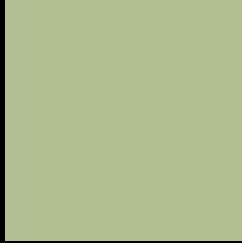
Large Text (above 18pt) WCAG AA × Fail

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 B1BF93 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

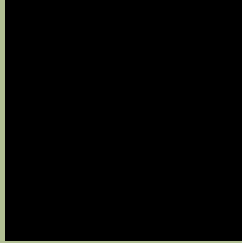
Any Text WCAG AA ✓ Pass

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 B1BF93 Background



This preview shows how black text looks on a background with the Hex color B1BF93.



This preview shows how white text looks on a background with the Hex color B1BF93.

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](#).

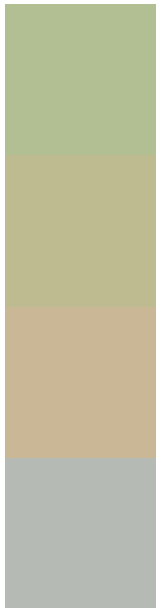
Dichromacy





Tritanopia
B8B8C7

Trichromacy



Original Color
B1BF93

Protanomaly
BEBB91

Deuteranomaly
C9B795

Tritanomaly
B5BBB4

Monochromacy



Original Color
B1BF93

Achromatopsia
B6B6B6

Achromatomaly
B4B9A9

CSS Examples

Text

The CSS property to change the color of the text to Hex B1BF93 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 #B1BF93 looks like.

```
.text, #text, p{  
    color:#B1BF93  
}
```

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 #B1BF93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B1BF93
}
```

Border

The CSS property to change the border of an element to Hex B1BF93 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
#B1BF93 }
```

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

```
.border{ border-color:#B1BF93 }
```

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

Here you see how a box with a 4 pixel #B1BF93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B1BF93; -webkit-box-shadow:4px 4px  
4px 4px #B1BF93; box-shadow:4px 4px 4px  
4px #B1BF93 }
```

Background

The CSS property to change the background color of an element to Hex B1BF93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B1BF93 }
```

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

```
.background{ background-color:#B1BF93 }
```

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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