

Converting Colors

Hex(B3D893)

Have a look what the booklet for
Hex(B3D893) contains.

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Color

Hex(B3D893)

Conversions

Conversions Part 1

Format	Color
Hex	B3D893
RGB	179, 216, 147
RGB Percent	70%, 85%, 58%
CMY	0.2980, 0.1529, 0.4235
CMYK	0.17, 0.00, 0.32, 0.15
HSL	92°, 47%, 71%
HSV	92°, 32%, 85%
XYZ	48.4127, 60.8020, 36.7881
YIQ	197.0710, 0.0970, -29.3030

Conversions

Conversions Part 2

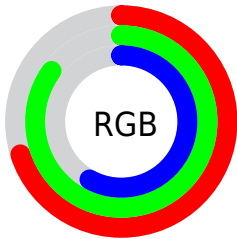
Format	Color
RYB	147, 216, 184
Decimal	11786387
CIELab	82.27, -24.28, 30.14
CIElCh	82, 38.699, 128.854
Yxy	60.8020, 0.3316, 0.4164
Android (android.graphics.Color)	4289976467 (0xFFB3D893)
YUV	197.0710, -24.6850, -15.8483
Hunter-Lab	77.9757, -25.6321, 26.6105

Details

The Hex color **B3D893** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B893D8**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **EBFFC9**, and **7DA160** is the 20% darker color. If you saturate the color by 10%, you get **A7D87D**, and if you desaturate by 10%, it is **BFD8A9**.

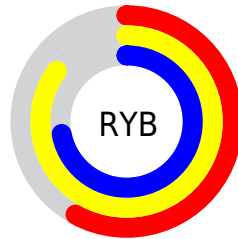
Distribution



Red (70%)

Green (85%)

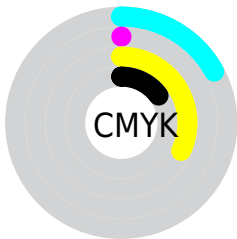
Blue (58%)



Red (58%)

Yellow (85%)

Blue (72%)

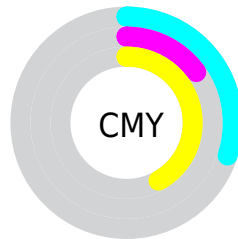


Cyan (17%)

Magenta (0%)

Yellow (32%)

Black (15%)



Cyan (30%)

Magenta (15%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3D893 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 B3D893 by changing the saturation by 10% instead.

 B3D893

 B3D893

FFFFFF

 98BC79

 EBFFC9

 7DA160


 FFFFE6

 638747

 4A6D30

 325519

 1A3D00

 012700

 000F00

 000000

 B3D893

 B3D893

 A7D87D

 BFD8A9

 9CD868

 CAD8BE

 90D852

 D6D8D4

 85D83D

 E1D8E9

 79D827

 EDD8FF

 6ED811

 F8D8FF

 64D800

 FFD8FF

Harmonies

Analogous

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



DBCE84



B3D893



87DEB1

Triad

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



B3D893



72D8FF



FFB1C3

Complementary

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



B3D893



B893D8

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.



FFB5E8



B3D893



ACCDFE

Square

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



B3D893



4CDEF9



DFBFFF



FFB6A1

Rectangle

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



B3D893



6AE0CA



DFBFFF



FFB1CF

Sweetspot

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



B3D893



F1FFE6



D8B893



778070



000000



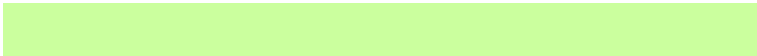
808080

Same Dimension

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



B3D893



CBFF9E



93D895



656B60



4FAB00



142B00

Inverse Universe

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



B893D8



D29EFF



D893D6



66606B



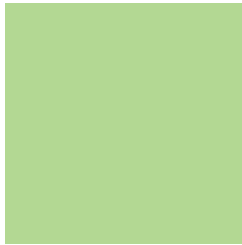
5C00AB



17002B

Previews

White Background



This preview shows how the Hex color B3D893 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 B3D893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

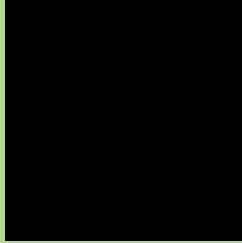
Any Text WCAG AA ✓ Pass

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 B3D893 Background



This preview shows how black text looks on a background with the Hex color B3D893.

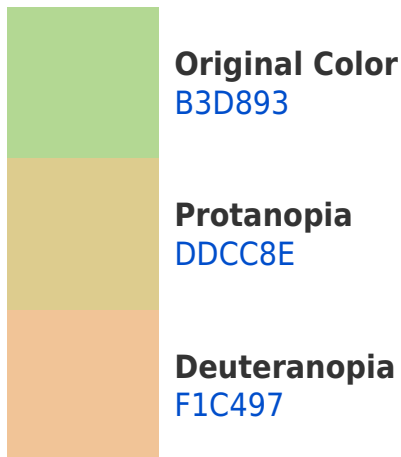


This preview shows how white text looks on a background with the Hex color B3D893.

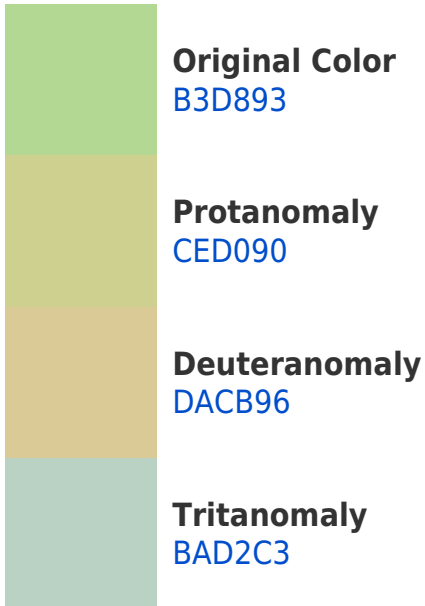
Color Blindness Simulation

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 B3D893 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 #B3D893 looks like.

```
.text, #text, p{  
    color:#B3D893  
}
```

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 #B3D893 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3D893
}
```

Border

The CSS property to change the border of an element to Hex B3D893 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
#B3D893 }
```

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

```
.border{ border-color:#B3D893 }
```

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

Here you see how a box with a 4 pixel #B3D893 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3D893; -webkit-box-shadow:4px 4px  
4px 4px #B3D893; box-shadow:4px 4px 4px  
4px #B3D893 }
```

Background

The CSS property to change the background color of an element to Hex B3D893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3D893 }
```

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

```
.background{ background-color:#B3D893 }
```

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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