

Converting Colors

Hex(B4D093)

Have a look what the booklet for
Hex(B4D093) contains.

Hex(B4D093)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B4D093)

Conversions

Conversions Part 1

Format	Color
Hex	B4D093
RGB	180, 208, 147
RGB Percent	71%, 82%, 58%
CMY	0.2941, 0.1843, 0.4235
CMYK	0.13, 0.00, 0.29, 0.18
HSL	88°, 39%, 70%
HSV	88°, 29%, 82%
XYZ	46.6447, 56.9216, 36.1323
YIQ	192.6740, 2.8930, -24.9070

Conversions

Conversions Part 2

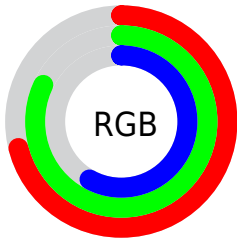
Format	Color
RYB	147, 208, 175
Decimal	11849875
CIELab	80.14, -19.99, 27.29
CIElCh	80, 33.823, 126.225
Yxy	56.9216, 0.3339, 0.4075
Android (android.graphics.Color)	4290039955 (0xFFB4D093)
YUV	192.6740, -22.5173, -11.1151
Hunter-Lab	75.4464, -21.6737, 24.4177

Details

The Hex color **B4D093** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **AF93D0**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **ECFFC9**, and **7E9A60** is the 20% darker color. If you saturate the color by 10%, you get **AAD07E**, and if you desaturate by 10%, it is **BED0A8**.

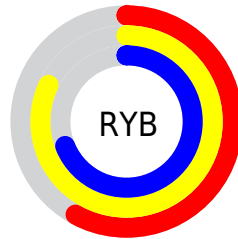
Distribution



Red (71%)

Green (82%)

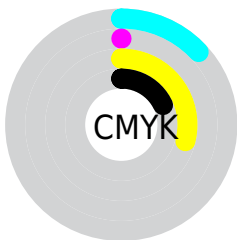
Blue (58%)



Red (58%)

Yellow (82%)

Blue (69%)

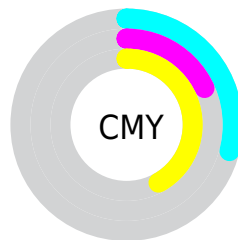


Cyan (13%)

Magenta (0%)

Yellow (29%)

Black (18%)



Cyan (29%)

Magenta (18%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4D093 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 B4D093 by changing the saturation by 10% instead.

 B4D093

 B4D093

FFFFFF

 99B479

 ECFFC9

 7E9A60

 FFFFEE

 658048

 4C6630

 344E1A

 1D3701

 042200

 000100

 000000

 B4D093

 B4D093

 AAD07E

 BED0A8

 A1D069

 C7D0BD

 97D055

 D1D0D1

 8ED040

 DAD0E6

 84D02B


 E4D0FB

 7BD016

 EDD0FF

 71D001

 F7D0FF

 71D000

 FFD0FF

Harmonies

Analogous

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



D6C788



B4D093



8FD6AC

Triad

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



B4D093



7AD1FF



FFAFC1

Complementary

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



B4D093



AF93D0

Split Complementary

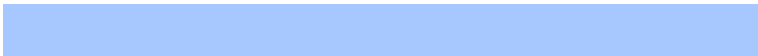
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F5B3E1



B4D093



A7C7FF

Square

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



B4D093



61D7EB



D4BCFA



FFB3A3

Rectangle

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



B4D093



78D8C1



D4BCFA



FFB0CC

Sweetspot

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



B4D093



F4FFE8



D0AE93



798071



000000



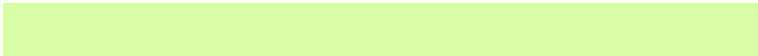
808080

Same Dimension

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



B4D093



D6FFA6



96D093



64695E



5BA800



162900

Inverse Universe

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



AF93D0



CFA6FF



CD93D0



635E69



4D00A8



130029

Previews

White Background



This preview shows how the Hex color B4D093 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 B4D093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

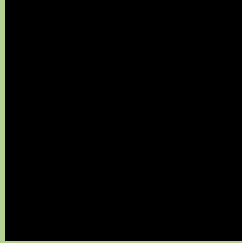
Any Text WCAG AA ✓ Pass

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 B4D093 Background



This preview shows how black text looks on a background with the Hex color B4D093.

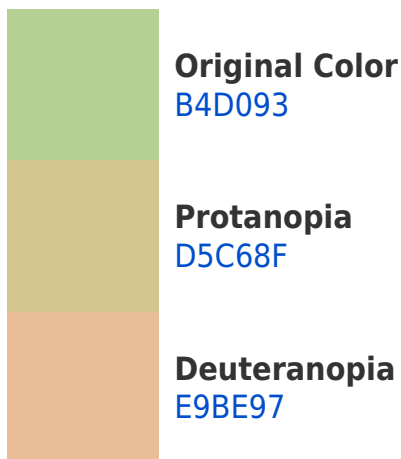


This preview shows how white text looks on a background with the Hex color B4D093.

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](#).

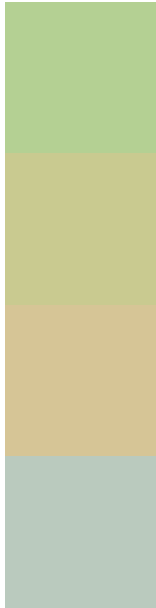
Dichromacy





Tritanopia
BEC7D7

Trichromacy



Original Color
B4D093

Protanomaly
C9CA90

Deuteranomaly
D6C596

Tritanomaly
BACABE

Monochromacy



Original Color
B4D093

Achromatopsia
C1C1C1

Achromatomaly
BCC6B0

CSS Examples

Text

The CSS property to change the color of the text to Hex B4D093 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 #B4D093 looks like.

```
.text, #text, p{  
    color:#B4D093  
}
```

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 #B4D093 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4D093  
}
```

Border

The CSS property to change the border of an element to Hex B4D093 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  
#B4D093 }
```

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

```
.border{ border-color:#B4D093 }
```

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

Here you see how a box with a 4 pixel #B4D093 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4D093; -webkit-box-shadow:4px 4px  
4px 4px #B4D093; box-shadow:4px 4px 4px  
4px #B4D093 }
```

Background

The CSS property to change the background color of an element to Hex B4D093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4D093 }
```

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

```
.background{ background-color:#B4D093 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor