

Converting Colors

Hex(B3D096)

Have a look what the booklet for
Hex(B3D096) contains.

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Color

Hex(B3D096)

Conversions

Conversions Part 1

Format	Color
Hex	B3D096
RGB	179, 208, 150
RGB Percent	70%, 82%, 59%
CMY	0.2980, 0.1843, 0.4118
CMYK	0.14, 0.00, 0.28, 0.18
HSL	90°, 38%, 70%
HSV	90°, 28%, 82%
XYZ	46.6513, 56.8975, 37.3777
YIQ	192.7170, 1.3340, -24.1860

Conversions

Conversions Part 2

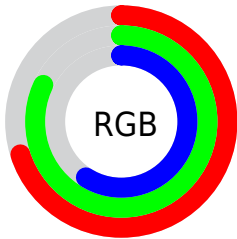
Format	Color
RYB	150, 208, 179
Decimal	11784342
CIELab	80.12, -19.91, 25.69
CIElCh	80, 32.502, 127.779
Yxy	56.8975, 0.3310, 0.4037
Android (android.graphics.Color)	4289974422 (0xFFB3D096)
YUV	192.7170, -21.0595, -12.0298
Hunter-Lab	75.4304, -21.6067, 23.4216

Details

The Hex color **B3D096** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B396D0**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **EBFFCC**, and **7E9A63** is the 20% darker color. If you saturate the color by 10%, you get **A9D081**, and if you desaturate by 10%, it is **BDD0AB**.

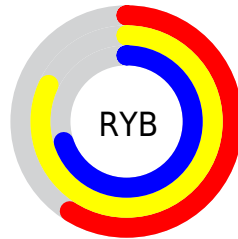
Distribution



Red (70%)

Green (82%)

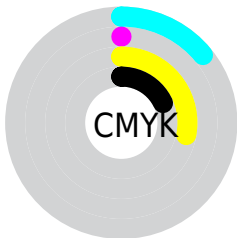
Blue (59%)



Red (59%)

Yellow (82%)

Blue (70%)

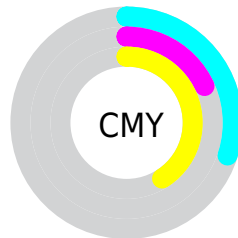


Cyan (14%)

Magenta (0%)

Yellow (28%)

Black (18%)



Cyan (30%)

Magenta (18%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color B3D096 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 B3D096 by changing the saturation by 10% instead.

 B3D096

FFFFFF

 EBFFCC

 FFFFEE9

 B3D096

 98B47C

 7E9A63

 64804A

 4B6633

 344E1D

 1D3705

 042200

 000100

 000000

 B3D096

 B3D096

 A9D081

 BDD0AB

 9ED06C

 C8D0C0

 94D058

 D2D0D4

 89D043

 DDD0E9

 7FD02E

 E7D0FE

 75D019

 F1D0FF

 6AD004

 FCD0FF

 68D000

 FFD0FF

Harmonies

Analogous

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



D4C78A



B3D096



90D6AF

Triad

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



B3D096



80D0FE



FFB0C0

Complementary

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



B3D096



B396D0

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.



F4B3DE



B3D096



ABC7FF

Square

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



B3D096



68D6EB



D5BCF7



FFB4A3

Rectangle

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



B3D096



7AD7C3



D5BCF7



FFB0CA

Sweetspot

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



B3D096



F5FFEB



D0B396



798073



000000



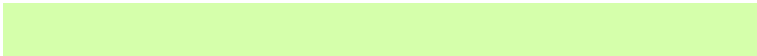
808080

Same Dimension

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



B3D096



D5FFAB



96D096



63695E



54A800



142900

Inverse Universe

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



B396D0



D5ABFF



D096D0



635E69



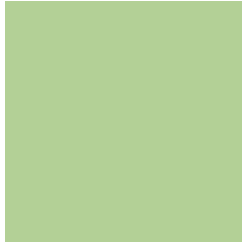
5400A8



140029

Previews

White Background



This preview shows how the Hex color B3D096 looks on a white background.

Color Contrast Check

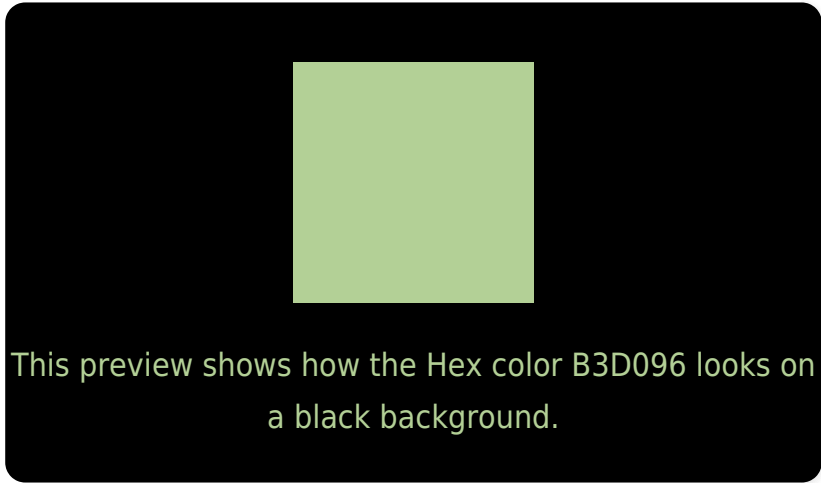
Large Text (above 18pt) WCAG AA × Fail

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

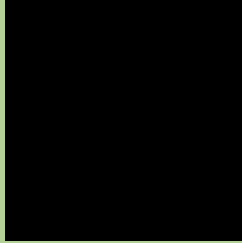
Any Text WCAG AA ✓ Pass

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 B3D096 Background



This preview shows how black text looks on a background with the Hex color B3D096.

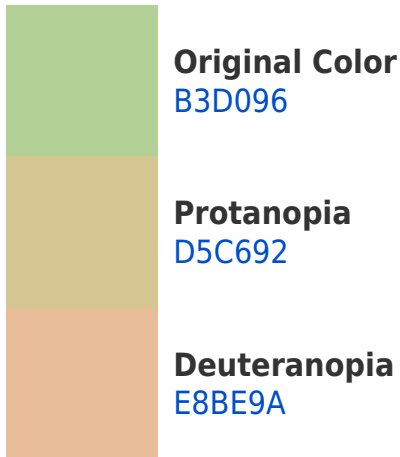


This preview shows how white text looks on a background with the Hex color B3D096.

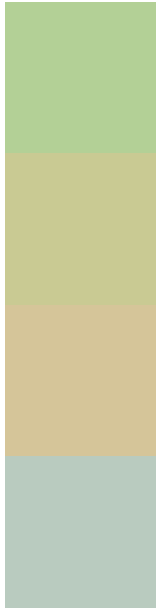
Color Blindness Simulation

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



Original Color
B3D096

Protanomaly
C9CA93

Deuteranomaly
D5C599

Tritanomaly
B9CBBF

Monochromacy



Original Color
B3D096

Achromatopsia
C1C1C1

Achromatomaly
BCC6B1

CSS Examples

Text

The CSS property to change the color of the text to Hex B3D096 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 #B3D096 looks like.

```
.text, #text, p{  
    color:#B3D096  
}
```

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 #B3D096 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3D096
}
```

Border

The CSS property to change the border of an element to Hex B3D096 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
#B3D096 }
```

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

```
.border{ border-color:#B3D096 }
```

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

Here you see how a box with a 4 pixel #B3D096 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3D096; -webkit-box-shadow:4px 4px  
4px 4px #B3D096; box-shadow:4px 4px 4px  
4px #B3D096 }
```

Background

The CSS property to change the background color of an element to Hex B3D096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3D096 }
```

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

```
.background{ background-color:#B3D096 }
```

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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