

# Converting Colors

Hex(BBDF96)

Have a look what the booklet for  
Hex(BBDF96) contains.

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# **Color**

**Hex(BBDF96)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BBDF96
RGB	187, 223, 150
RGB Percent	73%, 87%, 59%
CMY	0.2667, 0.1255, 0.4118
CMYK	0.16, 0.00, 0.33, 0.13
HSL	90°, 53%, 73%
HSV	90°, 33%, 87%
XYZ	52.3862, 65.5422, 38.7440
YIQ	203.9140, 1.9770, -30.3350

# Conversions

## Conversions Part 2

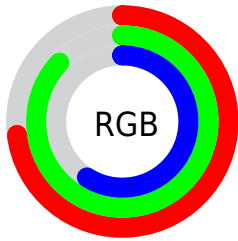
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 223, 186
Decimal	12312470
CIELab	84.76, -24.37, 32.00
CIElCh	85, 40.227, 127.290
Yxy	65.5422, 0.3344, 0.4183
Android (android.graphics.Color)	4290502550 (0xFFBBDF96)
YUV	203.9140, -26.5796, -14.8336
Hunter-Lab	80.9581, -26.1733, 28.2963

# Details

The Hex color **BBDF96** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BA96DF**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **F4FFCD**, and **85A862** is the 20% darker color. If you saturate the color by 10%, you get **B0DF80**, and if you desaturate by 10%, it is **C6DFAC**.

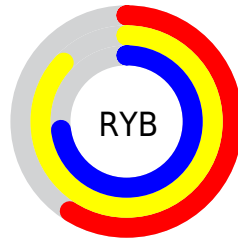
# Distribution



Red (73%)

Green (87%)

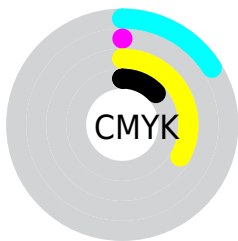
Blue (59%)



Red (59%)

Yellow (87%)

Blue (73%)

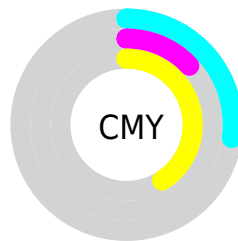


Cyan (16%)

Magenta (0%)

Yellow (33%)

Black (13%)



Cyan (27%)

Magenta (13%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBDF96 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 BBDF96 by changing the saturation by 10% instead.



 BBDF96

 BBDF96

FFFFFF


 A0C37C

 F4FFCD

 85A862

 FFFF E9

 6B8D4A

 517332

 395B1A

 214302

 082C00

 001900

 000000

 BBDF96

 BBDF96

 B0DF80

 C6DFAC

 A5DF69

 D1DFC3

 9ADF53

 DCDFD9

 8FDF3D


 E7DFEF

 84DF27

 F2DFFF

 79DF10

 FDDFFF

 71DF00

 FFDFFF

# Harmonies

## Analogous

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



E4D488



BBDF96



8DE6B5

# Triad

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



BBD9F6



71DFFF



FFB7CC

# Complementary

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



BBDF96



BA96DF

# Split Complementary

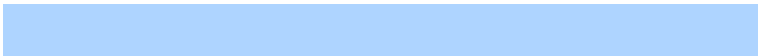
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBBF2



BBDF96



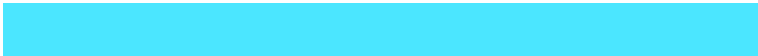
AED4FF

# Square

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



BPDF96



4BE6FF



E4C6FF



FFBCA7

# Rectangle

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



BBD996



6EE8CF



E4C6FF



FFB7D9



# Sweetspot

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



BBD9F6



F2FFE6



DFB996



788070



000000



808080

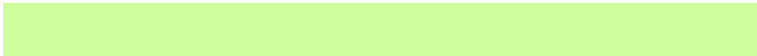


# Same Dimension

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



BBDF96



CEFF9C



97DF96



6B7065



59B000



193000



# Inverse Universe

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



BA96DF



CD9CFF



DE96DF



6B6570



5700B0

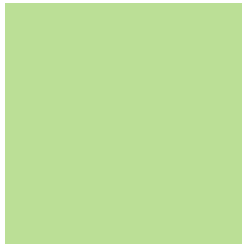


180030



# Previews

## White Background



This preview shows how the Hex color BBDF96 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 BBDF96 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 BBDF96 Background



This preview shows how black text looks on a background with the Hex color BBDF96.

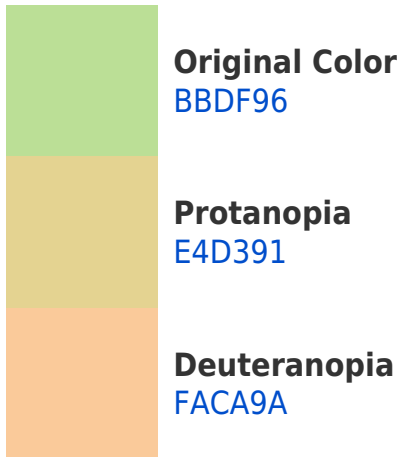


This preview shows how white text looks on a background with the Hex color BBDF96.

# 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**  
C7D5E6

# Trichromacy



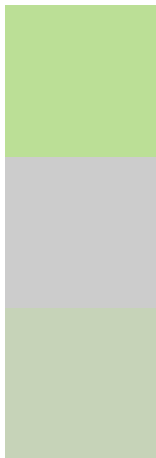
**Original Color**  
BBDF96

**Protanomaly**  
D5D793

**Deuteranomaly**  
E3D299

**Tritanomaly**  
C3D9C9

# Monochromacy



**Original Color**  
BBDF96

**Achromatopsia**  
CCCCCC

**Achromatomaly**  
C6D3B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBDF96 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 #BBDF96 looks like.

```
.text, #text, p{  
    color:#BBDF96  
}
```

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 #BBDF96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBDF96
}
```

## Border

The CSS property to change the border of an element to Hex BBDF96 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
#BBDF96 }
```

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

```
.border{ border-color:#BBDF96 }
```

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

Here you see how a box with a 4 pixel #BBDF96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBDF96; -webkit-box-shadow:4px 4px  
4px 4px #BBDF96; box-shadow:4px 4px 4px  
4px #BBDF96 }
```

# Background

The CSS property to change the background color of an element to Hex BBDF96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBDF96 }
```

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

```
.background{ background-color:#BBDF96 }
```

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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