

# Converting Colors

Hex(BEBD96)

Have a look what the booklet for  
Hex(BEBD96) contains.

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# **Color**

**Hex(BEBD96)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BEBD96</a>
RGB	<a href="#">190, 189, 150</a>
RGB Percent	<a href="#">75%, 74%, 59%</a>
CMY	<a href="#">0.2549, 0.2588, 0.4118</a>
CMYK	<a href="#">0.00, 0.01, 0.21, 0.25</a>
HSL	<a href="#">59°, 24%, 67%</a>
HSV	<a href="#">59°, 21%, 75%</a>
XYZ	<a href="#">44.9378, 49.5444, 36.0487</a>
YIQ	<a href="#">184.8530, 13.1150, -11.9170</a>

# Conversions

## Conversions Part 2

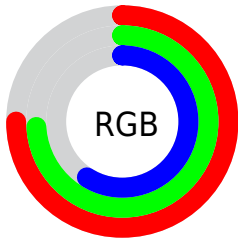
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 190, 150
Decimal	12500374
CIELab	75.79, -6.12, 19.90
CIELCh	76, 20.818, 107.104
Yxy	49.5444, 0.3443, 0.3796
Android (android.graphics.Color)	4290690454 (0xFFBE96)
YUV	184.8530, -17.1825, 4.5139
Hunter-Lab	70.3877, -9.2184, 18.9064

# Details

The Hex color **BEBD96** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9697BE**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **F7F5CC**, and **888863** is the 20% darker color. If you saturate the color by 10%, you get **BEBD83**, and if you desaturate by 10%, it is **BEBDA9**.

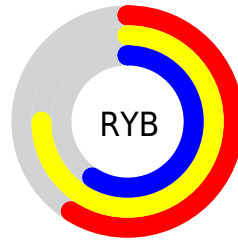
# Distribution



Red (75%)

Green (74%)

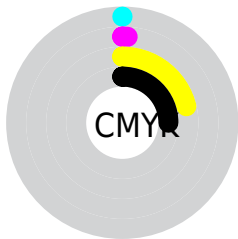
Blue (59%)



Red (59%)

Yellow (75%)

Blue (59%)

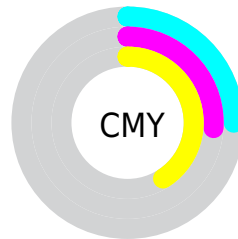


Cyan (0%)

Magenta (1%)

Yellow (21%)

Black (25%)



Cyan (25%)

Magenta (26%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BEBD96 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 BEBD96 by changing the saturation by 10% instead.



 BEBD96

 BEBD96

FFFFFF

 A3A27C

 F7F5CC

 888863

 FFFFE9

 6F6E4B

 565634

 3E3F1E

 282907

 101500

 000000

 BEBD96

 BEBD96

 BEBD83

 BEBDA9

 BEBC70

 BEBEBC

 BEBC5D

 BEBECF

 BEBB4A

 BEBFE2

 BEBB37

 BEBFF5

 BEBA24

 BECOFF

 BEBA11

 BEC1FF

 BEB900

# Harmonies

## Analogous

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



D1B796



BEBD96



A8C2A0

# Triad

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



BEBD96



89C4D6



DCAEC4

# Complementary

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



BEBD96



9697BE

# 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.



CBB2D5



BEBD96



9ABFE0

# Square

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



BEBD96



87C6C5



B3B9DF



E3AE80

# Rectangle

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



BEBD96



9AC5AB



B3B9DF



D8AFCA



# Sweetspot

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



BEBD96



F7F7E9



BE9697



7D7D74



FCFCFC



7D7D7D



# Same Dimension

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



BEBD96



F7F6BA



ABBE96



5E5E55



9E9A00



1F1E00



# Inverse Universe

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



9697BE



BABBF7



A996BE



55555E



00049E



00011F



# Previews

## White Background



This preview shows how the Hex color BEBD96 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

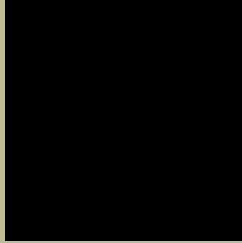
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

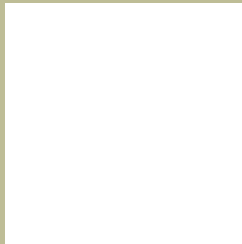
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BEBD96 Background



This preview shows how black text looks on a background with the Hex color BEBD96.



This preview shows how white text looks on a background with the Hex color BEBD96.

# 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



**Original Color**  
BEBD96

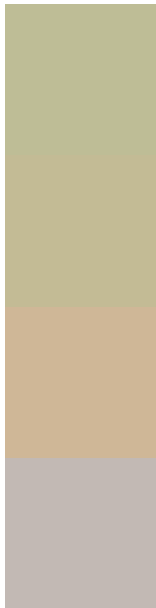
**Protanopia**  
C6BA95

**Deuteranopia**  
D9B398



**Tritanopia**  
C4B7C5

# Trichromacy



**Original Color**  
BEBD96

**Protanomaly**  
C3BB95

**Deuteranomaly**  
CFB797

**Tritanomaly**  
C2B9B4

# Monochromacy



**Original Color**  
BEBD96

**Achromatopsia**  
B9B9B9

**Achromatomaly**  
BBBAAC

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BEBD96 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 #BEBD96 looks like.

```
.text, #text, p{  
    color:#BEBD96  
}
```

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 #BEBD96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BEBD96  
}
```

## Border

The CSS property to change the border of an element to Hex BEBD96 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  
#BEBD96 }
```

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

```
.border{ border-color:#BEBD96 }
```

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

Here you see how a box with a 4 pixel #BEBD96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BEBD96; -webkit-box-shadow:4px 4px  
4px 4px #BEBD96; box-shadow:4px 4px 4px  
4px #BEBD96 }
```

# Background

The CSS property to change the background color of an element to Hex BEBD96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BEBD96 }
```

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

```
.background{ background-color:#BEBD96 }
```

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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