

# Converting Colors

Hex(BBB262)

Have a look what the booklet for  
Hex(BBB262) contains.

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# **Color**

**Hex(BBB262)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBB262
RGB	187, 178, 98
RGB Percent	73%, 70%, 38%
CMY	0.2667, 0.3020, 0.6157
CMYK	0.00, 0.05, 0.48, 0.27
HSL	54°, 40%, 56%
HSV	54°, 48%, 73%
XYZ	38.6185, 43.2874, 17.8752
YIQ	171.5710, 31.0440, -22.9720

# Conversions

## Conversions Part 2

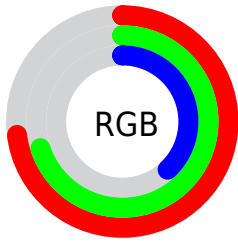
<b>Format</b>	<b>Color</b>
<b>RYB</b>	108, 187, 98
Decimal	12300898
CIELab	71.75, -7.90, 41.78
CIELCh	72, 42.521, 100.708
Yxy	43.2874, 0.3870, 0.4338
Android (android.graphics.Color)	4290490978 (0xFFBBB262)
YUV	171.5710, -36.2705, 13.5312
Hunter-Lab	65.7932, -10.3642, 29.9469

# Details

The Hex color **BBB262** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **626BBB**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **F5EA96**, and **847E30** is the 20% darker color. If you saturate the color by 10%, you get **BBB04F**, and if you desaturate by 10%, it is **BBB475**.

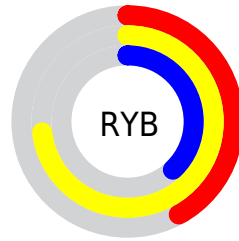
# Distribution



Red (73%)

Green (70%)

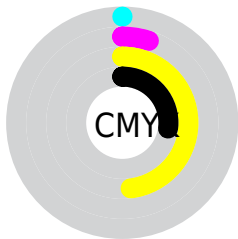
Blue (38%)



Red (42%)

Yellow (73%)

Blue (38%)

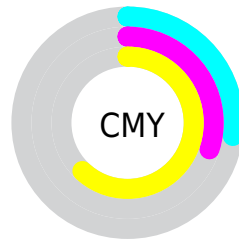


Cyan (0%)

Magenta (5%)

Yellow (48%)

Black (27%)



Cyan (27%)

Magenta (30%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBB262 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 BBB262 by changing the saturation by 10% instead.



 BBB262

 BBB262

FFFFFF

 9F9749

 F5EA96

 847E30

 FFFFB2

 696517

 FFFFC D

 504D00

 FFFF E A

 373600

 1E2100

 000C00

 000000

 BBB262

 BBB262

 BBB04F

 BBB475

 BBAE3D

 BBB687

 BBAC2A

 BBB89A

 BBAA17

 BBBAAD

 BBA904

 BBBBC0

 BBA800

 BBBDD2

 BBBFE5

 BBC1F8

 BBC3FF

# Harmonies

## Analogous

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



DEA567



BBB262



91BC73

# Triad

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



BBB262



00C2E1



EB94CA

# Complementary

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



BBB262



626BBB

# 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.



C6A1EB



BBB262



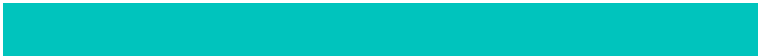
3EBBF8

# Square

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



BBB262



00C4BD



8DAFFC



FA91A3

# Rectangle

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



BBB262



70C188



8DAFFC



E198D6



# Sweetspot

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



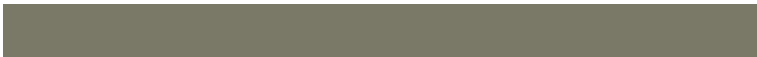
BBB262



F2EFD0



BB626C



7A7866



FAFAFA



7A7A7A



# Same Dimension

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



BBB262



F2E468



99BB62



5E5D55



9E8E00



1F1C00



# Inverse Universe

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



626BBB



6876F2



8462BB



55565E



00109E



00031F



# Previews

## White Background



This preview shows how the Hex color BBB262 looks on a white background.

## Color Contrast Check

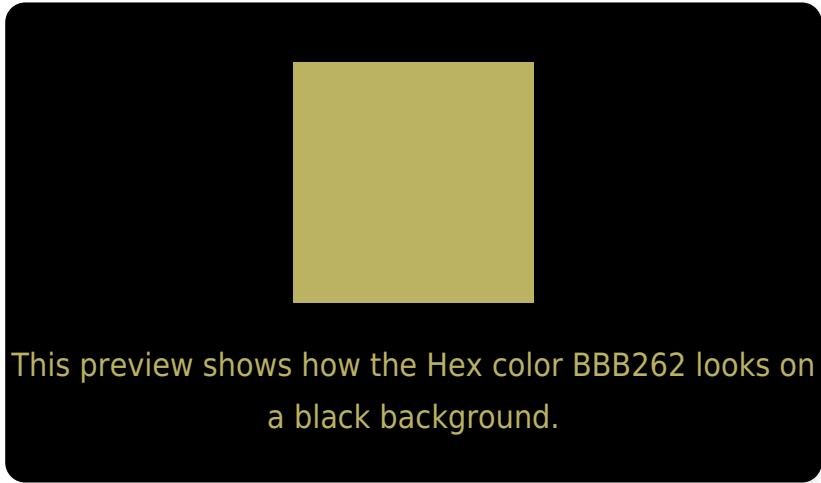
Large Text (above 18pt) WCAG AA × Fail

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

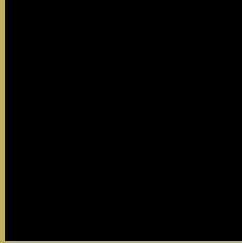
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBB262 Background



This preview shows how black text looks on a background with the Hex color BBB262.



This preview shows how white text looks on a background with the Hex color BBB262.

# 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**  
BBB262

**Protanopia**  
C1B061

**Deuteranopia**  
D6A864

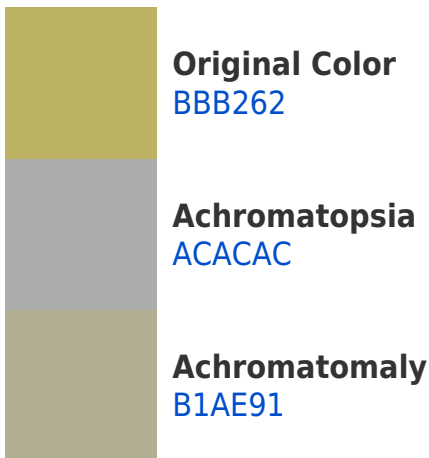


**Tritanopia**  
C4A8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBB262 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 #BBB262 looks like.

```
.text, #text, p{  
    color:#BBB262  
}
```

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 #BBB262 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBB262
}
```

## Border

The CSS property to change the border of an element to Hex BBB262 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
#BBB262 }
```

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

```
.border{ border-color:#BBB262 }
```

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

Here you see how a box with a 4 pixel #BBB262 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBB262; -webkit-box-shadow:4px 4px  
4px 4px #BBB262; box-shadow:4px 4px 4px  
4px #BBB262 }
```

# Background

The CSS property to change the background color of an element to Hex BBB262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBB262 }
```

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

```
.background{ background-color:#BBB262 }
```

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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