

# Converting Colors

Hex(BBB25B)

Have a look what the booklet for  
Hex(BBB25B) contains.

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# **Color**

**Hex(BBB25B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBB25B
RGB	187, 178, 91
RGB Percent	73%, 70%, 36%
CMY	0.2667, 0.3020, 0.6431
CMYK	0.00, 0.05, 0.51, 0.27
HSL	54°, 41%, 55%
HSV	54°, 51%, 73%
XYZ	38.3022, 43.1609, 16.2097
YIQ	170.7730, 33.2910, -25.1490

# Conversions

## Conversions Part 2

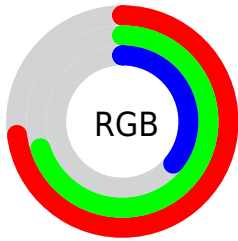
Format	Color
<a href="#">RYB</a>	<a href="#">101, 187, 91</a>
Decimal	<a href="#">12300891</a>
CIELab	<a href="#">71.66, -8.55, 45.15</a>
CIELCh	<a href="#">72, 45.948, 100.719</a>
Yxy	<a href="#">43.1609, 0.3921, 0.4419</a>
Android (android.graphics.Color)	<a href="#">4290490971</a> ( <a href="#">0xFFBBB25B</a> )
YUV	<a href="#">170.7730, -39.3281, 14.2311</a>
Hunter-Lab	<a href="#">65.6970, -10.9017, 31.3590</a>

# Details

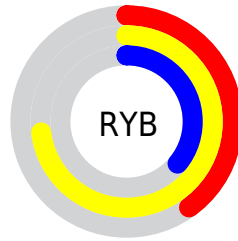
The Hex color **BBB25B** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **5B64BB**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **F5EA8F**, and **847E29** is the 20% darker color. If you saturate the color by 10%, you get **BBB048**, and if you desaturate by 10%, it is **BBB46E**.

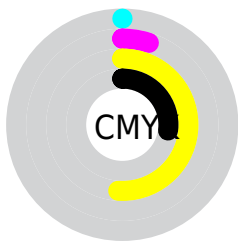
# Distribution



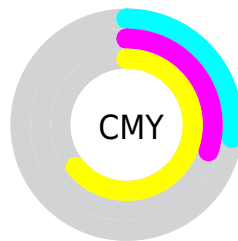
- Red (73%)
- Green (70%)
- Blue (36%)



- Red (40%)
- Yellow (73%)
- Blue (36%)



- Cyan (0%)
- Magenta (5%)
- Yellow (51%)
- Black (27%)



- Cyan (27%)
- Magenta (30%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBB25B 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 BBB25B by changing the saturation by 10% instead.



 BBB25B

 BBB25B

FFFFFF

 9F9742

 F5EA8F

 847E29

 FFFFFA

 69650C

 FFFFC6

 4F4D00

 FFFF E3

 363600

 1D2100

 000B00

 000000

 BBB25B

 BBB25B

 BBB048

 BBB46E

 BBAE36

 BBB680

 BBAD23

 BBB793

 BBAB10

 BBB9A6

 BBA900

 BBBBB9

 BBBDCB

 BBBEDE

 BBC0F1

 BBC2FF

# Harmonies

## Analogous

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



E0A460



BBB25B



8DBD6E

# Triad

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



BBB25B



00C3E5



EF91CC

# Complementary

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



BBB25B



5B64BB

# 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.



C79FEF



BBB25B



1EBBFE

# Square

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



BBB25B



00C5BE



88AFFF



FF8DA2

# Rectangle

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



BBB25B



69C285



88AFFF



E595D9



# Sweetspot

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



BBB25B



F2EFCE



BB5B65



7A7864



FAFAFA



7A7A7A



# Same Dimension

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



BBB25B



F2E45C



95BB5B



5E5D55



9E8F00



1F1C00



# Inverse Universe

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



5B64BB



5C6AF2



815BBB



55565E



000F9E



00031F



# Previews

## White Background



This preview shows how the Hex color BBB25B 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

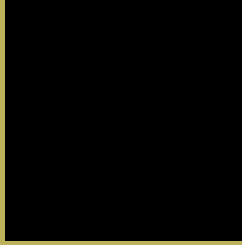
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BBB25B Background



This preview shows how black text looks on a background with the Hex color BBB25B.



This preview shows how white text looks on a background with the Hex color BBB25B.

# 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**  
BBB25B

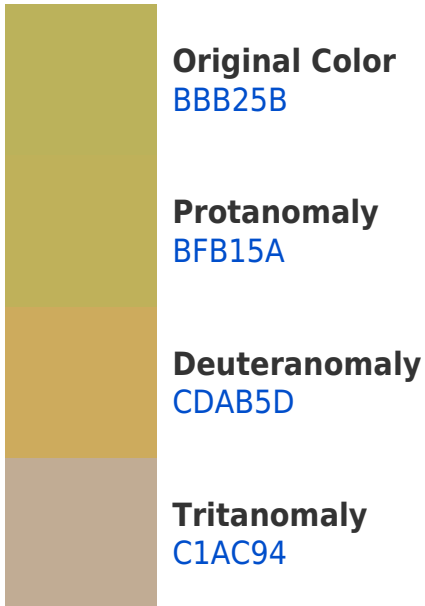
**Protanopia**  
C2B05A

**Deuteranopia**  
D7A75E



**Tritanopia**  
C4A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBB25B 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 #BBB25B looks like.

```
.text, #text, p{  
    color:#BBB25B  
}
```

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 #BBB25B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBB25B
}
```

## Border

The CSS property to change the border of an element to Hex BBB25B 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
#BBB25B }
```

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

```
.border{ border-color:#BBB25B }
```

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

Here you see how a box with a 4 pixel #BBB25B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBB25B; -webkit-box-shadow:4px 4px  
4px 4px #BBB25B; box-shadow:4px 4px 4px  
4px #BBB25B }
```

# Background

The CSS property to change the background color of an element to Hex BBB25B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBB25B }
```

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

```
.background{ background-color:#BBB25B }
```

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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