

# Converting Colors

Hex(BBAA25)

Have a look what the booklet for  
Hex(BBAA25) contains.

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# **Color**

**Hex(BBAA25)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBAA25
RGB	187, 170, 37
RGB Percent	73%, 67%, 15%
CMY	0.2667, 0.3333, 0.8549
CMYK	0.00, 0.09, 0.80, 0.27
HSL	53°, 67%, 44%
HSV	53°, 80%, 73%
XYZ	35.2022, 39.4478, 7.5091
YIQ	159.9210, 52.8250, -37.7590

# Conversions

## Conversions Part 2

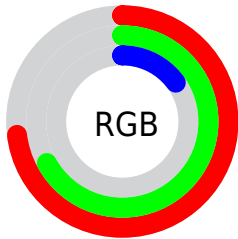
Format	Color
<a href="#">RYB</a>	<a href="#">56, 187, 37</a>
Decimal	<a href="#">12298789</a>
CIELab	<a href="#">69.07, -7.63, 64.66</a>
CIELCh	<a href="#">69, 65.111, 96.729</a>
Yxy	<a href="#">39.4478, 0.4285, 0.4801</a>
Android (android.graphics.Color)	<a href="#">4290488869</a> ( <a href="#">0xFFBBAA25</a> )
YUV	<a href="#">159.9210, -60.6001, 23.7483</a>
Hunter-Lab	<a href="#">62.8075, -9.8679, 36.8767</a>

# Details

The Hex color **BBAA25** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2536BB**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **F6E15F**, and **827600** is the 20% darker color. If you saturate the color by 10%, you get **BBA812**, and if you desaturate by 10%, it is **BBAC38**.

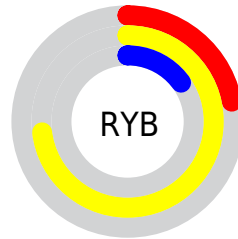
# Distribution



Red (73%)

Green (67%)

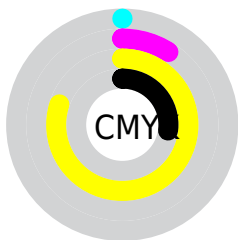
Blue (15%)



Red (22%)

Yellow (73%)

Blue (15%)

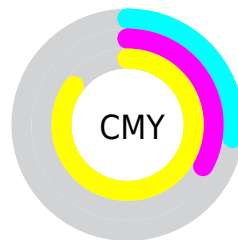


Cyan (0%)

Magenta (9%)

Yellow (80%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BBAA25 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 BBAA25 by changing the saturation by 10% instead.



 BBAA25

 BBAA25

FFFFFF

 9E9000

 F6E15F

 827600

 FFFD7A

 665E00

 FFFF96

 4B4700

 FFFFB2

 313000

 FFFFCE

 181C00

 FFFFEB

 000000

 BBAA25

 BBAA25

 BBA812

 BBAC38

 BBA600

 BBAE4A

 BBB05D

 BBB270

 BBB582

 BBB795

 BBB9A8

 BBBBBB

 BBBDCD

# Harmonies

## Analogous

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



EC9538



BBAA25



7DB943

# Triad

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



BBA25



00C3EE



FA7BD8

# Complementary

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



BBAA25



2536BB

# 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.



BC93FF



BBAA25



00BBFF

# Square

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



BBA25



00C5B5



3CABFF



FF719E

# Rectangle

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



BBAA25



40BF65



3CABFF



EA82EA



# Sweetspot

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



BBA25



F2ECB8



BB2537



7A7657



FAFAFA



7A7A7A



# Same Dimension

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



BBA25



F2D80A



82BB25



5E5D55



9E8C00



1F1B00



# Inverse Universe

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



2536BB



0A24F2



5E25BB



55565E



00129E



00031F



# Previews

## White Background



This preview shows how the Hex color BBAA25 looks on a white background.

## Color Contrast Check

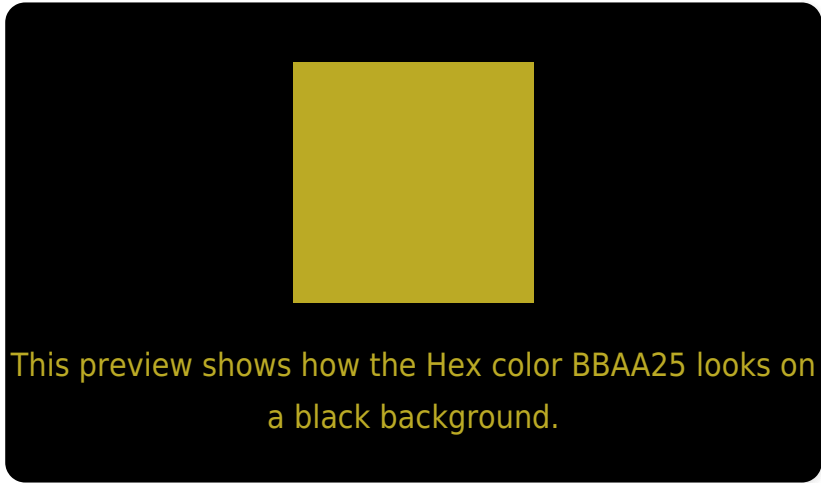
Large Text (above 18pt) WCAG AA × Fail

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 BBAA25 Background



This preview shows how black text looks on a background with the Hex color BBAA25.



This preview shows how white text looks on a background with the Hex color BBAA25.

# 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**  
BBAA25

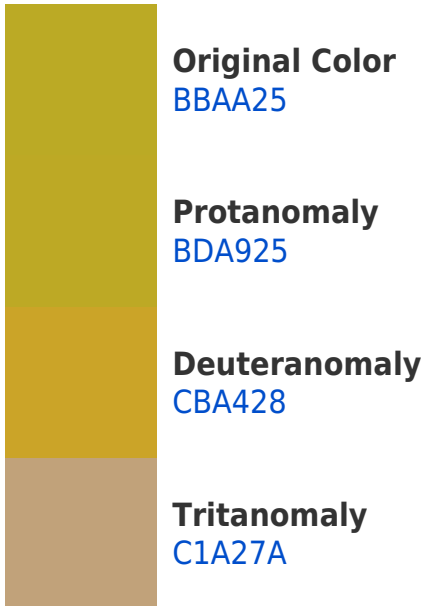
**Protanopia**  
BEA925

**Deuteranopia**  
D4A02A

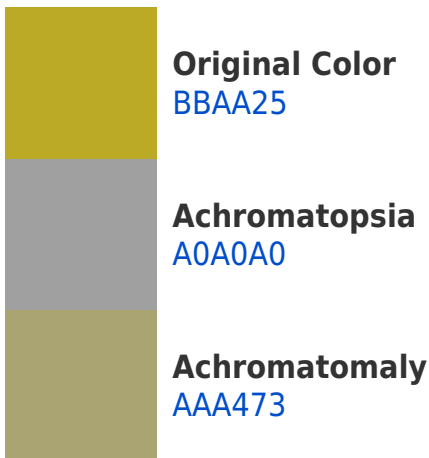


**Tritanopia**  
C59EAB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BBAA25 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 #BBAA25 looks like.

```
.text, #text, p{  
    color:#BBAA25  
}
```

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 #BBAA25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBAA25
}
```

## Border

The CSS property to change the border of an element to Hex BBAA25 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
#BBAA25 }
```

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

```
.border{ border-color:#BBAA25 }
```

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

Here you see how a box with a 4 pixel #BBAA25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBAA25; -webkit-box-shadow:4px 4px  
4px 4px #BBAA25; box-shadow:4px 4px 4px  
4px #BBAA25 }
```

# Background

The CSS property to change the background color of an element to Hex BBAA25 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBAA25 }
```

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

```
.background{ background-color:#BBAA25 }
```

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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