

# Converting Colors

Hex(B8B612)

Have a look what the booklet for  
Hex(B8B612) contains.

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**Color**

**Hex(B8B612)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8B612
RGB	184, 182, 18
RGB Percent	72%, 71%, 7%
CMY	0.2784, 0.2863, 0.9294
CMYK	0.00, 0.01, 0.90, 0.28
HSL	59°, 82%, 40%
HSV	59°, 90%, 72%
XYZ	36.6043, 43.6899, 7.0760
YIQ	163.9020, 53.8360, -50.5800

# Conversions

## Conversions Part 2

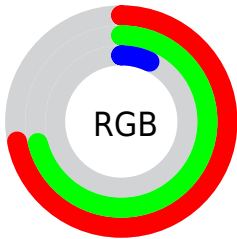
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 184, 18
Decimal	12105234
CIE <sub>Lab</sub>	72.02, -15.62, 71.35
CIE <sub>LCh</sub>	72, 73.041, 102.351
Yxy	43.6899, 0.4190, 0.5001
Android (android.graphics.Color)	4290295314 (0xFFB8B612)
YUV	163.9020, -71.9297, 17.6259
Hunter-Lab	66.0983, -16.8214, 39.9217

# Details

The Hex color **B8B612** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **1214B8**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **F4EE56**, and **7F8100** is the 20% darker color. If you saturate the color by 10%, you get **B8B600**, and if you desaturate by 10%, it is **B8B624**.

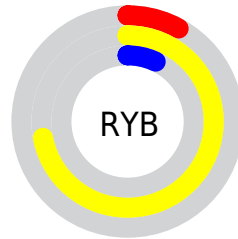
# Distribution



Red (72%)

Green (71%)

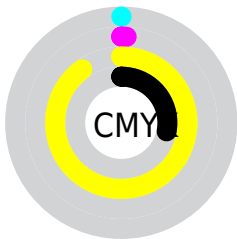
Blue (7%)



Red (8%)

Yellow (72%)

Blue (7%)

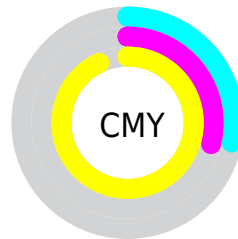


Cyan (0%)

Magenta (1%)

Yellow (90%)

Black (28%)



Cyan (28%)

Magenta (29%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8B612 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 B8B612 by changing the saturation by 10% instead.



 B8B612

 B8B612

FFFFFF

 9B9B00

 F4EE56

 7F8100

 FFFF72

 636800


 FFFF8E

 475100

 FFFFAA

 2D3A00

 FFFFC7

 142400

 FFFF E4

 000D00

 000000

 B8B612

 B8B612

 B8B600

 B8B624

 B8B637

 B8B749

 B8B75C

 B8B76E

 B8B780

 B8B893

 B8B8A5

 B8B8B8

# Harmonies

## Analogous

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



F29F25



B8B612



6DC546

# Triad

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



B8B612



00CDFE



FF76DB

# Complementary

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



B8B612



1214B8

# 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.



D792FF



B8B612



00C3FF

# Square

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



B8B612



00D0CB



56AFFF



FF6F98

# Rectangle

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



B8B612



00CB6F



56AFFF



FF7EF0



# Sweetspot

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



B8B612



F0EFAF



B81215



787751



F7F7F7



787878



# Same Dimension

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



B8B612



F0ED00



68B812



5C5C53



9C9A00



1C1C00



# Inverse Universe

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



1214B8



0003F0



6212B8



53535C



00029C



00001C



# Previews

## White Background



This preview shows how the Hex color B8B612 looks on a white background.

## Color Contrast Check

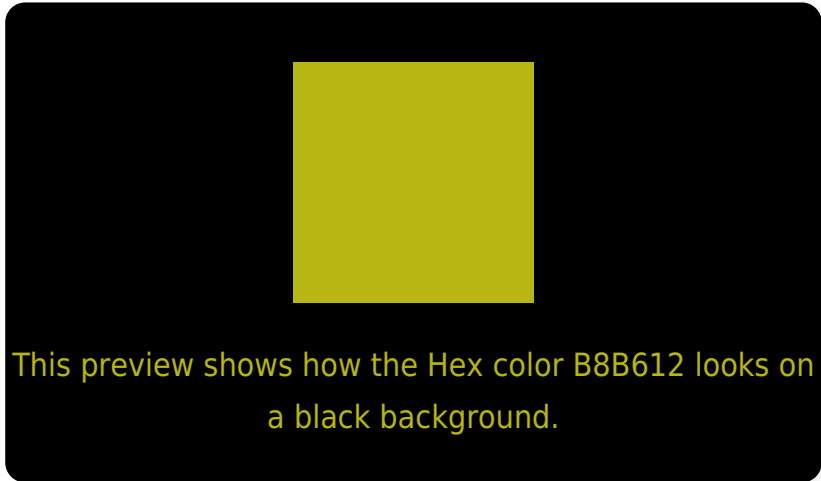
Large Text (above 18pt) WCAG AA × Fail

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 B8B612 Background



This preview shows how black text looks on a background with the Hex color B8B612.

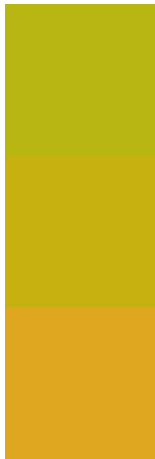


This preview shows how white text looks on a background with the Hex color B8B612.

# 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**  
B8B612

**Protanopia**  
C7B110

**Deuteranopia**  
DFA720



**Tritanopia**  
C4A9B6

# Trichromacy



**Original Color**  
B8B612

**Protanomaly**  
C2B311

**Deuteranomaly**  
D1AC1B

**Tritanomaly**  
C0AE7A

# Monochromacy



**Original Color**  
B8B612

**Achromatopsia**  
A4A4A4

**Achromatomaly**  
ABAB6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8B612 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 #B8B612 looks like.

```
.text, #text, p{  
    color:#B8B612  
}
```

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 #B8B612 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8B612
}
```

## Border

The CSS property to change the border of an element to Hex B8B612 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
#B8B612 }
```

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

```
.border{ border-color:#B8B612 }
```

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

Here you see how a box with a 4 pixel #B8B612 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8B612; -webkit-box-shadow:4px 4px  
4px 4px #B8B612; box-shadow:4px 4px 4px  
4px #B8B612 }
```

# Background

The CSS property to change the background color of an element to Hex B8B612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8B612 }
```

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

```
.background{ background-color:#B8B612 }
```

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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