

# Converting Colors

Hex(B88E00)

Have a look what the booklet for  
Hex(B88E00) contains.

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**Color**

**Hex(B88E00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B88E00
RGB	184, 142, 0
RGB Percent	72%, 56%, 0%
CMY	0.2784, 0.4431, 1.0000
CMYK	0.00, 0.23, 1.00, 0.28
HSL	46°, 100%, 36%
HSV	46°, 100%, 72%
XYZ	29.4402, 29.5363, 4.1494
YIQ	138.3700, 70.6140, -35.2580

# Conversions

## Conversions Part 2

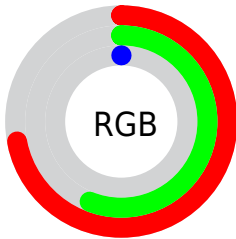
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	54, 184, 0
Decimal	12094976
CIE Lab	61.25, 5.32, 65.89
CIE LCh	61, 66.104, 85.385
Yxy	29.5363, 0.4664, 0.4679
Android (android.graphics.Color)	4290285056 (0xFFB88E00)
YUV	138.3700, -68.2164, 40.0175
Hunter-Lab	54.3474, 1.5862, 33.5164

# Details

The Hex color **B88E00** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **002AB8**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **F4C347**, and **7E5C00** is the 20% darker color. If you saturate the color by 10%, you get **B88E00**, and if you desaturate by 10%, it is **B89212**.

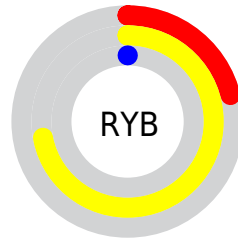
# Distribution



Red (72%)

Green (56%)

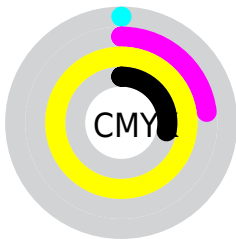
Blue (0%)



Red (21%)

Yellow (72%)

Blue (0%)

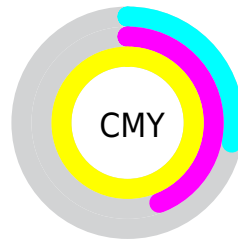


Cyan (0%)

Magenta (23%)

Yellow (100%)

Black (28%)



Cyan (28%)

Magenta (44%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B88E00 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 B88E00 by changing the saturation by 10% instead.



 B88E00

 B88E00

FFFFFF

 9B7500

 F4C347

 7E5C00

 FFDF63

 624500

 FFFC7E

 462F00

 FFFF9A

 2C1B00

 FFFFB6

 130000

 FFFFD3

 000000

 FFFFF0

 B88E00

 B89212

 B89625

 B89B37

 B89F4A

 B8A35C

 B8A76E

 B8AB81

 B8B093

 B8B4A6

# Harmonies

## Analogous

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



E37632



B88E00



809F17

# Triad

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



B88E00



00AFC4



D16DD7

# Complementary

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



B88E00



002AB8

# 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.



8188FE



B88E00



00AAF3

# Square

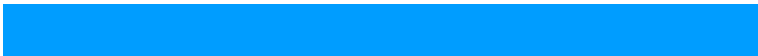
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B88E00



00AE89



009DFF



F75A9F

# Rectangle

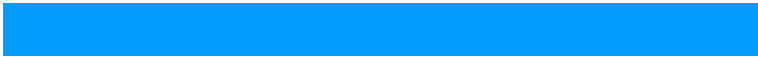
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B88E00



4FA73B



009DFF



BC76E7



# Sweetspot

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



B88E00



F0DFA8



B8002B



786E4D



F7F7F7



787878



# Same Dimension

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



B88E00



F0B900



87B800



5C5A53



9C7800



1C1600



# Inverse Universe

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



002AB8



0037F0



3100B8



53555C



00249C

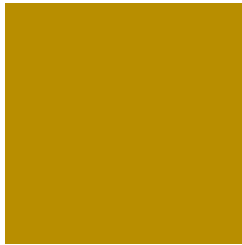


00061C



# Previews

## White Background



This preview shows how the Hex color B88E00 looks on a white background.

## Color Contrast Check

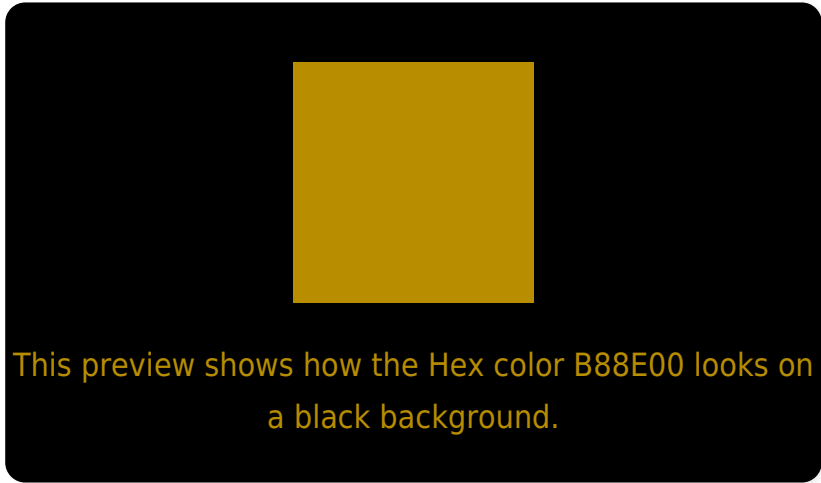
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex B88E00 Background



This preview shows how black text looks on a background with the Hex color B88E00.



This preview shows how white text looks on a background with the Hex color B88E00.

# 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**  
B88E00

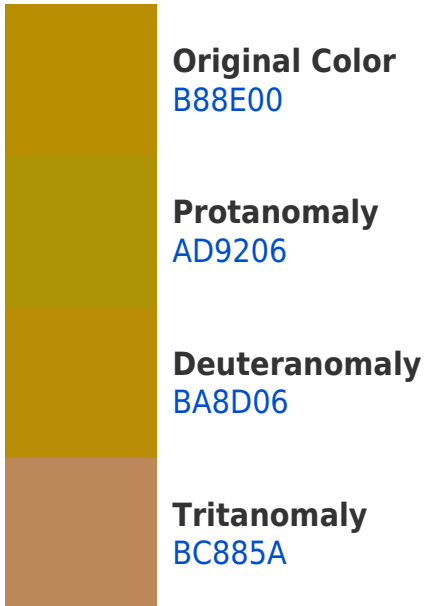
**Protanopia**  
A79509

**Deuteranopia**  
BB8C09

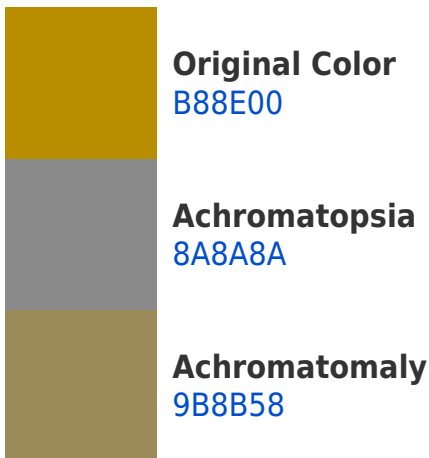


**Tritanopia**  
BF848E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B88E00 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 #B88E00 looks like.

```
.text, #text, p{  
    color:#B88E00  
}
```

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 #B88E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B88E00
}
```

## Border

The CSS property to change the border of an element to Hex B88E00 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
#B88E00 }
```

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

```
.border{ border-color:#B88E00 }
```

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

Here you see how a box with a 4 pixel #B88E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B88E00; -webkit-box-shadow:4px 4px  
4px 4px #B88E00; box-shadow:4px 4px 4px  
4px #B88E00 }
```

# Background

The CSS property to change the background color of an element to Hex B88E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B88E00 }
```

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

```
.background{ background-color:#B88E00 }
```

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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