

# Converting Colors

Hex(BD7E11)

Have a look what the booklet for  
Hex(BD7E11) contains.

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# Color

Hex(BD7E11)

# Conversions

## Conversions Part 1

Format	Color
Hex	BD7E11
RGB	189, 126, 17
RGB Percent	74%, 49%, 7%
CMY	0.2588, 0.5059, 0.9333
CMYK	0.00, 0.33, 0.91, 0.26
HSL	38°, 83%, 40%
HSV	38°, 91%, 74%
XYZ	28.5483, 25.7810, 4.0019
YIQ	132.4110, 72.5370, -20.5430

# Conversions

## Conversions Part 2

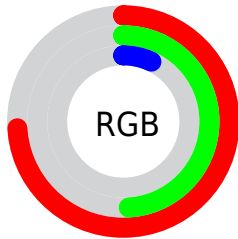
Format	Color
R <sub>Y</sub> B	116, 189, 17
Decimal	12418577
CIE Lab	57.83, 16.62, 60.79
CIE LCh	58, 63.026, 74.707
Yxy	25.7810, 0.4894, 0.4420
Android (android.graphics.Color)	4290608657 (0xFFBD7E11)
YUV	132.4110, -56.8976, 49.6286
Hunter-Lab	50.7750, 11.5056, 30.8695

# Details

The Hex color **BD7E11** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **1150BD**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FAB34C**, and **824D00** is the 20% darker color. If you saturate the color by 10%, you get **BD7800**, and if you desaturate by 10%, it is **BD8524**.

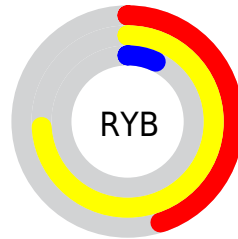
# Distribution



Red (74%)

Green (49%)

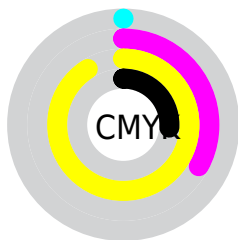
Blue (7%)



Red (45%)

Yellow (74%)

Blue (7%)

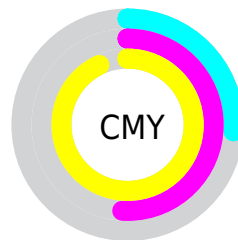


Cyan (0%)

Magenta (33%)

Yellow (91%)

Black (26%)



Cyan (26%)

Magenta (51%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BD7E11 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 BD7E11 by changing the saturation by 10% instead.



 BD7E11

 BD7E11

FFFFFF

 9F6500

 FAB34C

 824D00

 FFCE66

 653600


 FFEA81

 492100

 FFFF9C

 2F0C00

 FFFFB8

 110000

 FFFFD5

 000000

 FFFFF2

 BD7E11

 BD7E11

 BD7800

 BD8524

 BD8C37

 BD934A

 BD9A5D

 BDA170

 BDA882

 BDAE95

 BDB5A8

 BDBCBB

# Harmonies

## Analogous

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



E0673F



BD7E11



8C9104

# Triad

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



BD7E11



00A5A5



B070DA

# Complementary

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



BD7E11



1150BD

# 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.



4B88F6



BD7E11



00A2D8

# Square

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



BD7E11



00A36C



0099F5



E059A9

# Rectangle

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



BD7E11



659925



0099F5



9778E6



# Sweetspot

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



BD7E11



F5DDB3



BD1150



7A6C53



FAFAFA



7A7A7A



# Same Dimension

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



BD7E11



F59B00



A6BD11



5E5B55



9E6400



1F1300



# Inverse Universe

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



1150BD



005AF5



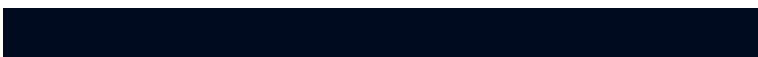
2811BD



55585E



003A9E



000B1F



# Previews

## White Background



This preview shows how the Hex color BD7E11 looks on a white background.

## Color Contrast Check

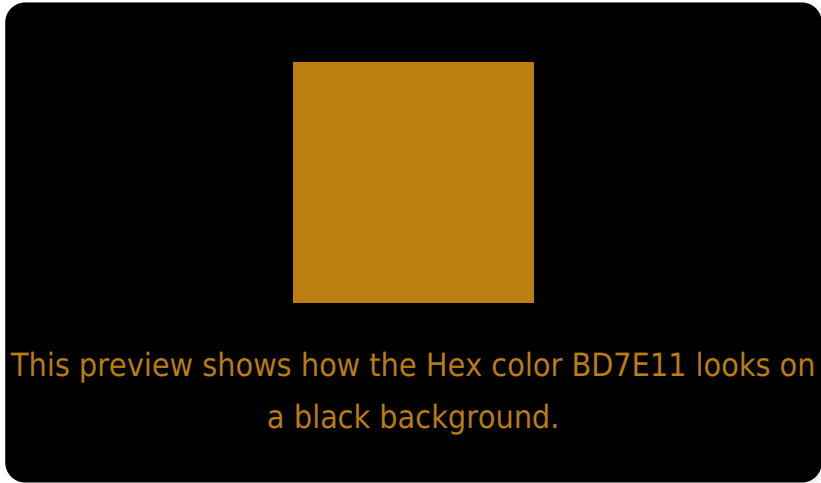
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD7E11 Background



This preview shows how black text looks on a background with the Hex color BD7E11.



This preview shows how white text looks on a background with the Hex color BD7E11.

# 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**  
BD7E11

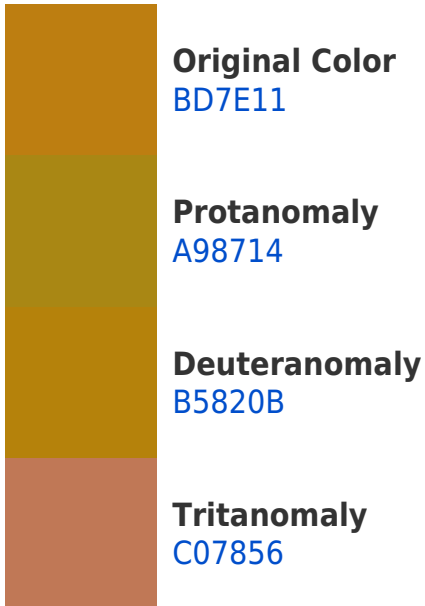
**Protanopia**  
9D8C15

**Deuteranopia**  
B08408

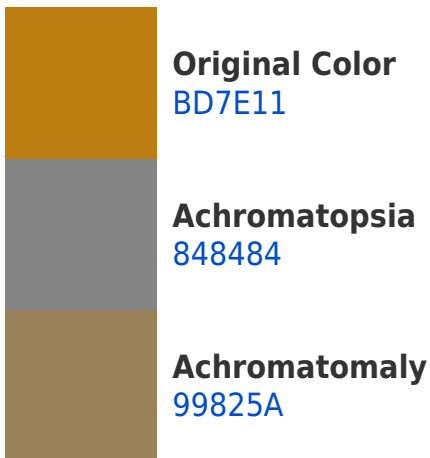


**Tritanopia**  
C2757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BD7E11 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 #BD7E11 looks like.

```
.text, #text, p{  
    color:#BD7E11  
}
```

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 #BD7E11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD7E11
}
```

## Border

The CSS property to change the border of an element to Hex BD7E11 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
#BD7E11 }
```

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

```
.border{ border-color:#BD7E11 }
```

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

Here you see how a box with a 4 pixel #BD7E11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD7E11; -webkit-box-shadow:4px 4px  
4px 4px #BD7E11; box-shadow:4px 4px 4px  
4px #BD7E11 }
```

# Background

The CSS property to change the background color of an element to Hex BD7E11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD7E11 }
```

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

```
.background{ background-color:#BD7E11 }
```

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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