

Converting Colors

Hex(B78D15)

Have a look what the booklet for
Hex(B78D15) contains.

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Color

Hex(B78D15)

Conversions

Conversions Part 1

Format	Color
Hex	B78D15
RGB	183, 141, 21
RGB Percent	72%, 55%, 8%
CMY	0.2824, 0.4471, 0.9176
CMYK	0.00, 0.23, 0.89, 0.28
HSL	44°, 79%, 40%
HSV	44°, 89%, 72%
XYZ	29.1887, 29.1712, 4.8017
YIQ	139.8780, 63.5520, -28.4160

Conversions

Conversions Part 2

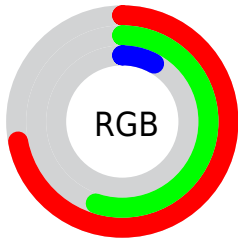
Format	Color
RYB	78, 183, 21
Decimal	12029205
CIELab	60.93, 5.73, 61.98
CIELCh	61, 62.246, 84.718
Yxy	29.1712, 0.4621, 0.4619
Android (android.graphics.Color)	4290219285 (0xFFB78D15)
YUV	139.8780, -58.6069, 37.8180
Hunter-Lab	54.0103, 1.9482, 32.5362

Details

The Hex color **B78D15** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **153FB7**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **F3C250**, and **7D5B00** is the 20% darker color. If you saturate the color by 10%, you get **B78803**, and if you desaturate by 10%, it is **B79227**.

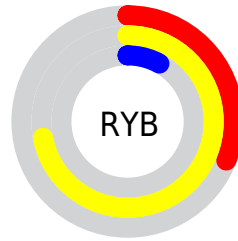
Distribution



Red (72%)

Green (55%)

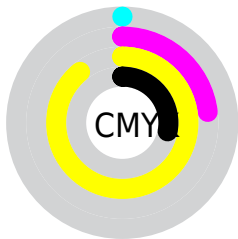
Blue (8%)



Red (31%)

Yellow (72%)

Blue (8%)

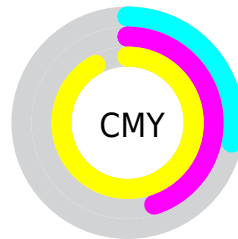


Cyan (0%)

Magenta (23%)

Yellow (89%)

Black (28%)



Cyan (28%)

Magenta (45%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color B78D15 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 B78D15 by changing the saturation by 10% instead.

 B78D15

 B78D15

FFFFFF

 9A7400

 F3C250

 7D5B00

 FFDE6B

 614400

 FFFB86

 462E00

 FFFFA2

 2C1A00

 FFFFBE

 120000

 FFFFDA

 000000

 FFFFF8

 B78D15

 B78D15

 B78803

 B79227

 B78800

 B7963A

 B79B4C

 B7A05E

 B7A571

 B7A983

 B7AE95

 B7B3A7

 B7B8BA

Harmonies

Analogous

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



DF7739



B78D15



829D22

Triad

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



B78D15



00ADB5



CC70D3

Complementary

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



B78D15



153FB7

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.



8189F7



B78D15



00A8EC

Square

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



B78D15



00AC87



009CFF



F05E9F

Rectangle

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



B78D15



56A53F



009CFF



B878E2

Sweetspot

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



B78D15



EDDDAD



B71540



786E51



F7F7F7



787878

Same Dimension

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



B78D15



EDB000



91B715



5C5953



9C7300



1C1500

Inverse Universe

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



153FB7



003DED



3B15B7



53555C



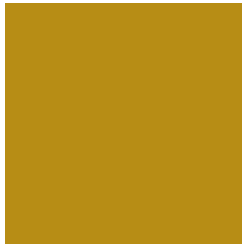
00289C



00071C

Previews

White Background



This preview shows how the Hex color B78D15 looks on a white background.

Color Contrast Check

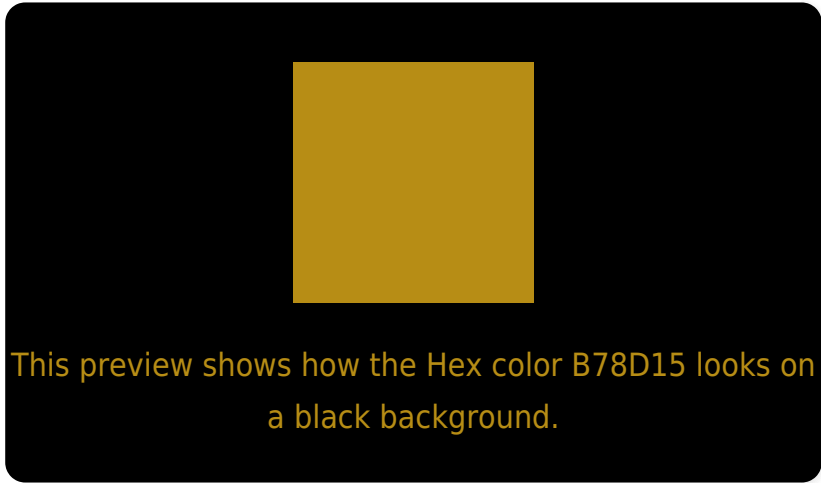
Large Text (above 18pt) WCAG AA ✓ Pass

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 B78D15 Background



This preview shows how black text looks on a background with the Hex color B78D15.



This preview shows how white text looks on a background with the Hex color B78D15.

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
B78D15

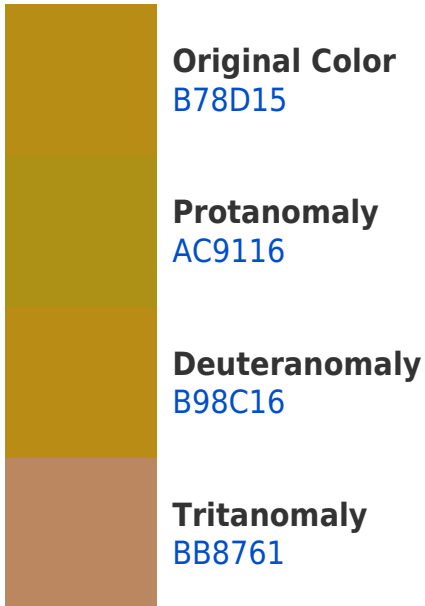
Protanopia
A69417

Deuteranopia
BA8C16



Tritanopia
BE838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B78D15 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 #B78D15 looks like.

```
.text, #text, p{  
    color:#B78D15  
}
```

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 #B78D15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B78D15
}
```

Border

The CSS property to change the border of an element to Hex B78D15 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
#B78D15 }
```

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

```
.border{ border-color:#B78D15 }
```

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

Here you see how a box with a 4 pixel #B78D15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B78D15; -webkit-box-shadow:4px 4px  
4px 4px #B78D15; box-shadow:4px 4px 4px  
4px #B78D15 }
```

Background

The CSS property to change the background color of an element to Hex B78D15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B78D15 }
```

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

```
.background{ background-color:#B78D15 }
```

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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