

Converting Colors

Hex(B79800)

Have a look what the booklet for
Hex(B79800) contains.

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Color

Hex(B79800)

Conversions

Conversions Part 1

Format	Color
Hex	B79800
RGB	183, 152, 0
RGB Percent	72%, 60%, 0%
CMY	0.2824, 0.4039, 1.0000
CMYK	0.00, 0.17, 1.00, 0.28
HSL	50°, 100%, 36%
HSV	50°, 100%, 72%
XYZ	30.7567, 32.5238, 4.6567
YIQ	143.9410, 67.2680, -40.7000

Conversions

Conversions Part 2

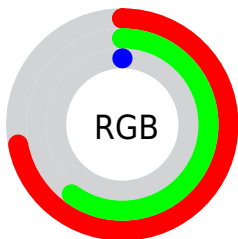
Format	Color
RYB	37, 183, 0
Decimal	12032000
CIELab	63.77, -0.58, 67.60
CIELCh	64, 67.601, 90.492
Yxy	32.5238, 0.4527, 0.4787
Android (android.graphics.Color)	4290222080 (0xFFB79800)
YUV	143.9410, -70.9629, 34.2547
Hunter-Lab	57.0296, -3.5348, 35.0795

Details

The Hex color **B79800** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **001FB7**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **F3CE4A**, and **7D6600** is the 20% darker color. If you saturate the color by 10%, you get **B79800**, and if you desaturate by 10%, it is **B79B12**.

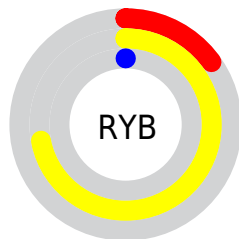
Distribution



Red (72%)

Green (60%)

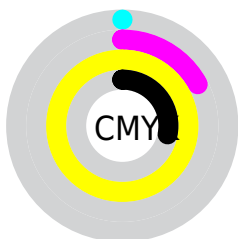
Blue (0%)



Red (15%)

Yellow (72%)

Blue (0%)

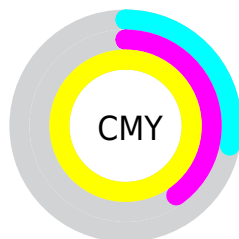


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (28%)



Cyan (28%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B79800 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 B79800 by changing the saturation by 10% instead.

 B79800

 B79800

FFFFFF

 9A7E00

 F3CE4A

 7D6600

 FFEA65

 614E00

 FFFF81

 463700

 FFFF9D

 2C2200

 FFFFB9

 120D00

 FFFFD6

 000000

 FFFFF3

 B79800

 B79B12

 B79E25

 B7A137

 B7A449

 B7A85C

 B7AB6E

 B7AE80

 B7B192

 B7B4A5

Harmonies

Analogous

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



E6802D



B79800



7BA924

Triad

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



B79800



00B6D6



E36ED7

Complementary

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



B79800



001FB7

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.



9A8AFF



B79800



00B0FF

Square

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



B79800



00B69A



00A1FF



FF5E9C

Rectangle

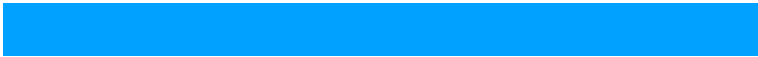
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B79800



42B048



00A1FF



D077E8

Sweetspot

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



B79800



EDE1A6



B70022



78714D



F7F7F7



787878

Same Dimension

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



B79800



EDC500



7DB700



5C5A53



9C8100



1C1700

Inverse Universe

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



001FB7



0028ED



3A00B7



53545C



001A9C



00051C

Previews

White Background



This preview shows how the Hex color B79800 looks on a white background.

Color Contrast Check

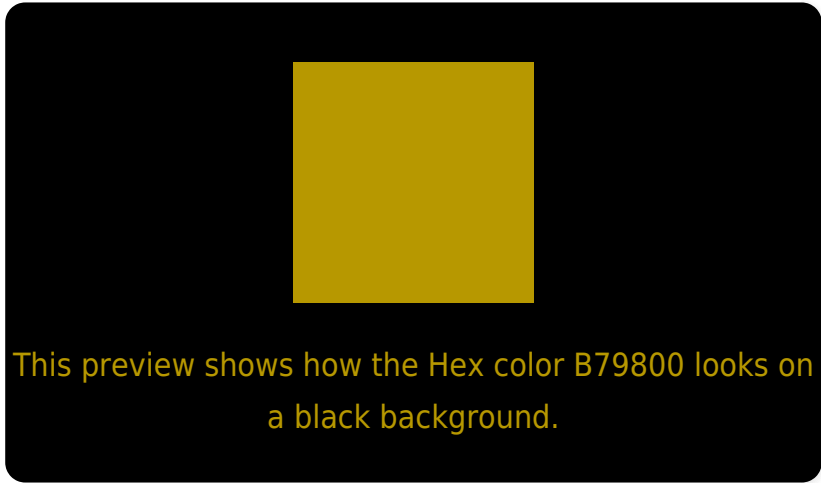
Large Text (above 18pt) WCAG AA × Fail

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 B79800 Background



This preview shows how black text looks on a background with the Hex color B79800.



This preview shows how white text looks on a background with the Hex color B79800.

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
B79800

Protanopia
AF9B07

Deuteranopia
C49310



Tritanopia
BF8D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B79800 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 #B79800 looks like.

```
.text, #text, p{  
    color:#B79800  
}
```

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 #B79800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B79800
}
```

Border

The CSS property to change the border of an element to Hex B79800 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
#B79800 }
```

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

```
.border{ border-color:#B79800 }
```

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

Here you see how a box with a 4 pixel #B79800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B79800; -webkit-box-shadow:4px 4px  
4px 4px #B79800; box-shadow:4px 4px 4px  
4px #B79800 }
```

Background

The CSS property to change the background color of an element to Hex B79800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B79800 }
```

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

```
.background{ background-color:#B79800 }
```

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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