

Converting Colors

Hex(BF7A00)

Have a look what the booklet for
Hex(BF7A00) contains.

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Color

Hex(BF7A00)

Conversions

Conversions Part 1

Format	Color
Hex	BF7A00
RGB	191, 122, 0
RGB Percent	75%, 48%, 0%
CMY	0.2510, 0.5216, 1.0000
CMYK	0.00, 0.36, 1.00, 0.25
HSL	38°, 100%, 37%
HSV	38°, 100%, 75%
XYZ	28.4454, 24.9954, 3.3254
YIQ	128.7230, 80.2860, -23.3140

Conversions

Conversions Part 2

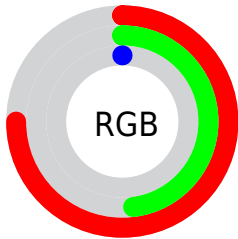
Format	Color
RYB	108, 191, 0
Decimal	12548608
CIELab	57.07, 19.49, 63.47
CIELCh	57, 66.393, 72.932
Yxy	24.9954, 0.5011, 0.4403
Android (android.graphics.Color)	4290738688 (0xFFBF7A00)
YUV	128.7230, -63.4604, 54.6169
Hunter-Lab	49.9954, 14.0673, 31.0532

Details

The Hex color **BF7A00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0045BF**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **FDAE44**, and **844900** is the 20% darker color. If you saturate the color by 10%, you get **BF7A00**, and if you desaturate by 10%, it is **BF8113**.

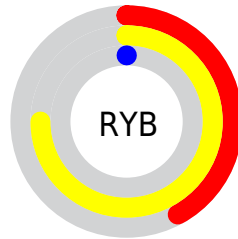
Distribution



Red (75%)

Green (48%)

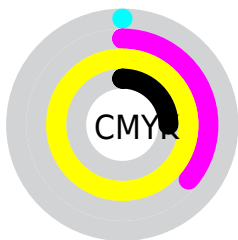
Blue (0%)



Red (42%)

Yellow (75%)

Blue (0%)

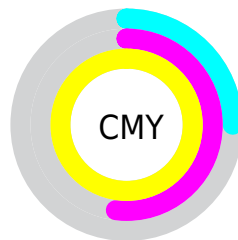


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (52%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BF7A00 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 BF7A00 by changing the saturation by 10% instead.

 BF7A00

 BF7A00

FFFFFF

 A16100

 FDAE44

 844900

 FFCA5F

 663200

 FFE67A

 4A1D00

 FFFF95

 300800

 FFFFB1

 110000

 FFFFCD

 000000

 FFFFEA

 BF7A00

 BF8113

 BF8826

 BF8F39

 BF964C

 BF9D60

 BFA373

 BFAA86

 BFB199

 BFB8AC

Harmonies

Analogous

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



E2603C



BF7A00



8D8E00

Triad

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



BF7A00



00A4A1



AB6EDF

Complementary

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



BF7A00



0045BF

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.



3087FB



BF7A00



00A1D7

Square

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



BF7A00



00A165



0099F8



E053AC

Rectangle

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



BF7A00



649716



0099F8



8F77EB

Sweetspot

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



BF7A00



F7DDAD



BF0046



7D6D50



FCFCFC



7D7D7D

Same Dimension

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



BF7A00



F79E00



A6BF00



5E5B55



9E6500



1F1400

Inverse Universe

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



0045BF



0059F7



1900BF



55585E



00399E



000B1F

Previews

White Background



This preview shows how the Hex color BF7A00 looks on a white background.

Color Contrast Check

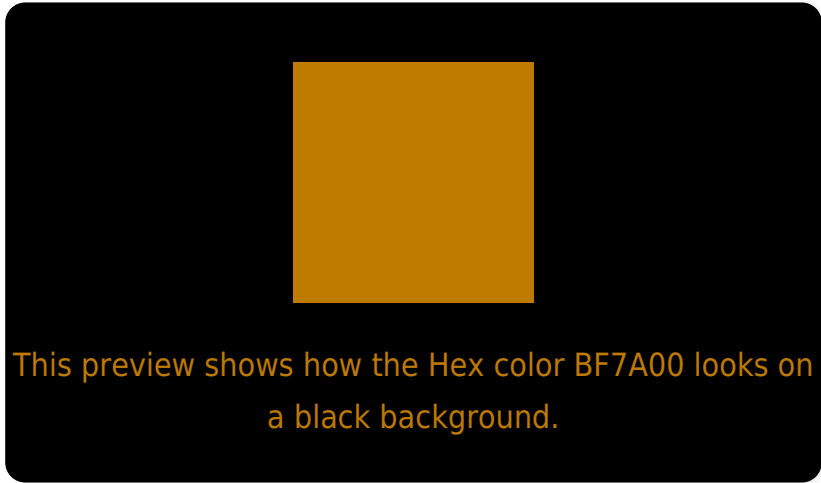
Large Text (above 18pt) WCAG AA ✓ Pass

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 BF7A00 Background



This preview shows how black text looks on a background with the Hex color BF7A00.



This preview shows how white text looks on a background with the Hex color BF7A00.

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
BF7A00

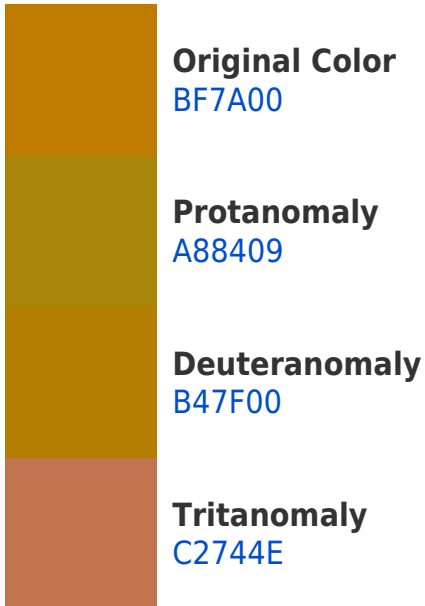
Protanopia
9B8A0E

Deuteranopia
AE8200



Tritanopia
C4717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BF7A00 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 #BF7A00 looks like.

```
.text, #text, p{  
    color:#BF7A00  
}
```

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 #BF7A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BF7A00
}
```

Border

The CSS property to change the border of an element to Hex BF7A00 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
#BF7A00 }
```

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

```
.border{ border-color:#BF7A00 }
```

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

Here you see how a box with a 4 pixel #BF7A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BF7A00; -webkit-box-shadow:4px 4px  
4px 4px #BF7A00; box-shadow:4px 4px 4px  
4px #BF7A00 }
```

Background

The CSS property to change the background color of an element to Hex BF7A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BF7A00 }
```

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

```
.background{ background-color:#BF7A00 }
```

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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