

Converting Colors

Hex(B7A02F)

Have a look what the booklet for
Hex(B7A02F) contains.

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Color

Hex(B7A02F)

Conversions

Conversions Part 1

Format	Color
Hex	B7A02F
RGB	183, 160, 47
RGB Percent	72%, 63%, 18%
CMY	0.2824, 0.3725, 0.8157
CMYK	0.00, 0.13, 0.74, 0.28
HSL	50°, 59%, 45%
HSV	50°, 74%, 72%
XYZ	32.6123, 35.4141, 7.8061
YIQ	153.9950, 49.9810, -30.2670

Conversions

Conversions Part 2

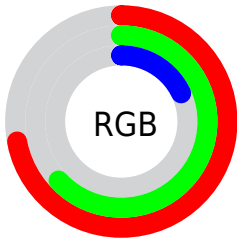
Format	Color
RYB	75, 183, 47
Decimal	12034095
CIELab	66.07, -3.71, 58.42
CIELCh	66, 58.533, 93.633
Yxy	35.4141, 0.4301, 0.4670
Android (android.graphics.Color)	4290224175 (0xFFB7A02F)
YUV	153.9950, -52.7485, 25.4374
Hunter-Lab	59.5098, -6.3212, 33.8796

Details

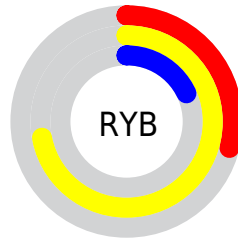
The Hex color **B7A02F** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **2F46B7**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **F2D665**, and **7E6D00** is the 20% darker color. If you saturate the color by 10%, you get **B79D1D**, and if you desaturate by 10%, it is **B7A341**.

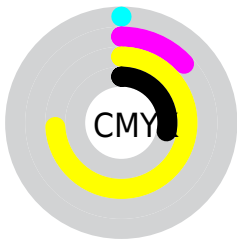
Distribution



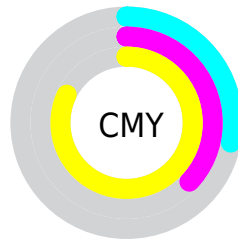
- Red (72%)
- Green (63%)
- Blue (18%)



- Red (29%)
- Yellow (72%)
- Blue (18%)



- Cyan (0%)
- Magenta (13%)
- Yellow (74%)
- Black (28%)



- Cyan (28%)
- Magenta (37%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7A02F 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 B7A02F by changing the saturation by 10% instead.



B7A02F



B7A02F

FFFFFF



9A860E



F2D665



7E6D00



FFF380



635500



FFFF9B



483E00



FFFFB7



2E2900



FFFD3



151500



FFFFF0



000000



B7A02F



B7A02F



B79D1D



B7A341

 B79A0A

 B7A654

 B79800

 B7A966

 B7AC78

 B7AF8B

 B7B39D

 B7B6AF

 B7B9C1

 B7BCD4

Harmonies

Analogous

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



E28D41



B7A02F



81AE43

Triad

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



B7A02F



00B9D9



E67BD0

Complementary

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



B7A02F



2F46B7

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.



AB90F8



B7A02F



00B2FE

Square

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



B7A02F



00BAA6



38A4FF



FF709C

Rectangle

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



B7A02F



51B45F



38A4FF



D681E0

Sweetspot

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



B7A02F



EDE4B9



B72F48



787359



F7F7F7



787878

Same Dimension

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



B7A02F



EDC91A



8CB72F



5C5A53



9C8100



1C1700

Inverse Universe

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



2F46B7



1A3EED



5A2FB7



53545C



001A9C



00051C

Previews

White Background



This preview shows how the Hex color B7A02F looks on a white background.

Color Contrast Check

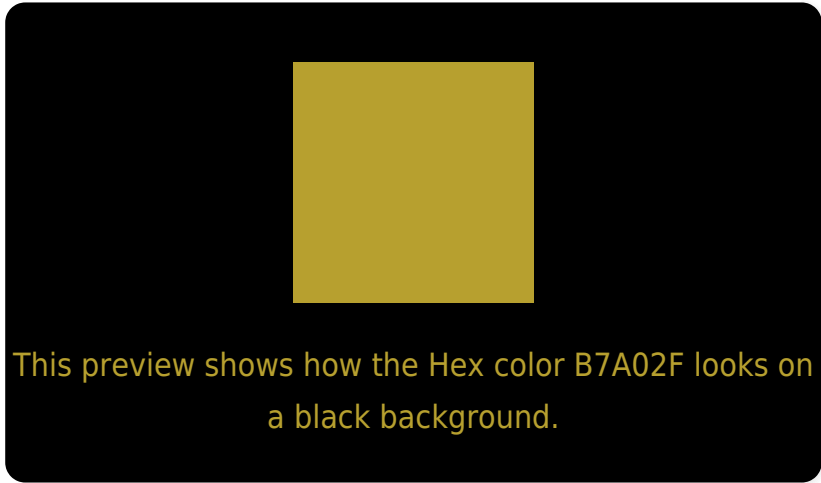
Large Text (above 18pt) WCAG AA × Fail

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 B7A02F Background



This preview shows how black text looks on a background with the Hex color B7A02F.



This preview shows how white text looks on a background with the Hex color B7A02F.

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
B7A02F

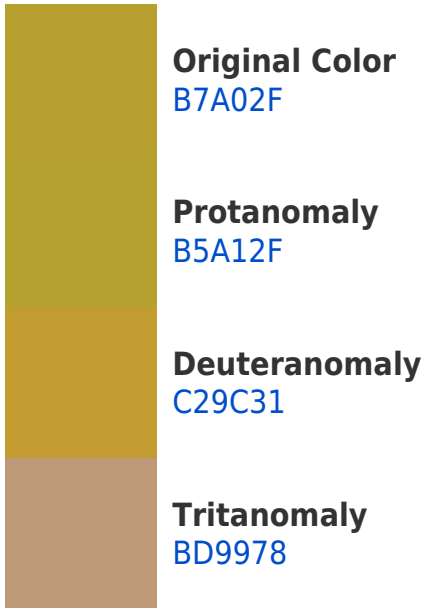
Protanopia
B4A12F

Deuteranopia
C99932

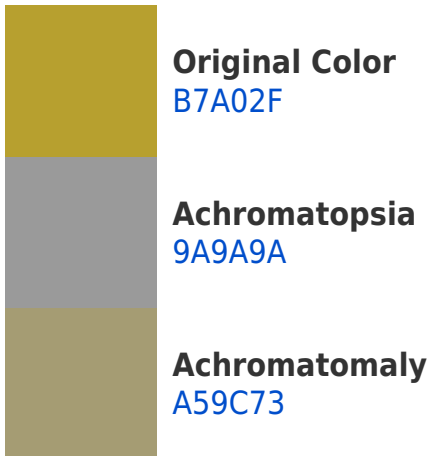


Tritanopia
C095A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B7A02F 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 #B7A02F looks like.

```
.text, #text, p{  
    color:#B7A02F  
}
```

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 #B7A02F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7A02F
}
```

Border

The CSS property to change the border of an element to Hex B7A02F 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
#B7A02F }
```

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

```
.border{ border-color:#B7A02F }
```

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

Here you see how a box with a 4 pixel #B7A02F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7A02F; -webkit-box-shadow:4px 4px  
4px 4px #B7A02F; box-shadow:4px 4px 4px  
4px #B7A02F }
```

Background

The CSS property to change the background color of an element to Hex B7A02F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7A02F }
```

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

```
.background{ background-color:#B7A02F }
```

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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