

Converting Colors

Hex(7B9F02)

Have a look what the booklet for
Hex(7B9F02) contains.

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Color

Hex(7B9F02)

Conversions

Conversions Part 1

Format	Color
Hex	7B9F02
RGB	123, 159, 2
RGB Percent	48%, 62%, 1%
CMY	0.5176, 0.3765, 0.9922
CMYK	0.23, 0.00, 0.99, 0.38
HSL	74°, 98%, 32%
HSV	74°, 99%, 62%
XYZ	20.5775, 29.0116, 4.5727
YIQ	130.3380, 28.9410, -56.4590

Conversions

Conversions Part 2

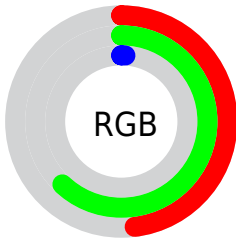
Format	Color
R_{YB}	2, 159, 38
Decimal	8101634
CIE _{Lab}	60.79, -30.77, 62.88
CIE _{LCh}	61, 70.006, 116.073
Yxy	29.0116, 0.3799, 0.5356
Android (android.graphics.Color)	4286291714 (0xFF7B9F02)
YUV	130.3380, -63.2706, -6.4354
Hunter-Lab	53.8624, -26.0655, 32.6702

Details

The Hex color **7B9F02** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **26029F**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B3D64A**, and **446B00** is the 20% darker color. If you saturate the color by 10%, you get **7B9F00**, and if you desaturate by 10%, it is **7F9F12**.

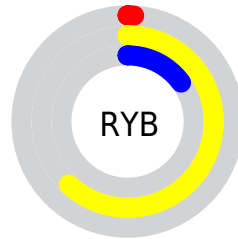
Distribution



Red (48%)

Green (62%)

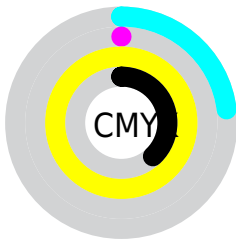
Blue (1%)



Red (1%)

Yellow (62%)

Blue (15%)

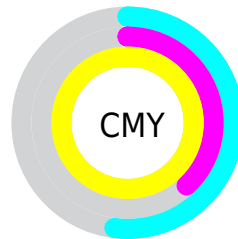


Cyan (23%)

Magenta (0%)

Yellow (99%)

Black (38%)



Cyan (52%)

Magenta (38%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B9F02 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 7B9F02 by changing the saturation by 10% instead.



7B9F02



7B9F02

FFFFFF



608500



B3D64A



446B00



D0F265



295300



EEFF81



083C00



FFFF9D



002600



FFFFB9



000500



FFFFD6



000000



FFFFF3



7B9F02



7B9F02

■ 7B9F00

■ 7F9F12

■ 829F22

■ 869F32

■ 8A9F42

■ 8D9F52

■ 919F61

■ 959F71

■ 989F81

■ 9C9F91

Harmonies

Analogous

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



B68D00



7B9F02



00A949

Triad

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



7B9F02



00AAF9



FB529E

Complementary

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



7B9F02



26029F

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.



D568D9



7B9F02



009DFF

Square

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



7B9F02



00AFC7



8086FF



FE5960

Rectangle

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



7B9F02



00AD73



8086FF



F357B2

Sweetspot

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



7B9F02



C0CF91



9F2402



606943



E8E8E8



696969

Same Dimension

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



7B9F02



9FCF00



2E9F02



4D4F47



6E8F00



0C0F00

Inverse Universe

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



26029F



2F00CF



73029F



49474F



21008F



04000F

Previews

White Background



This preview shows how the Hex color 7B9F02 looks on a white background.

Color Contrast Check

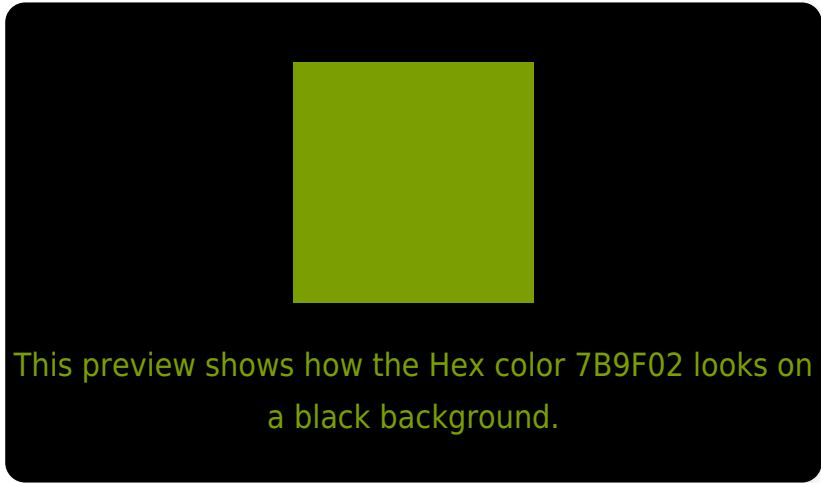
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B9F02 Background



This preview shows how black text looks on a background with the Hex color 7B9F02.



This preview shows how white text looks on a background with the Hex color 7B9F02.

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
7B9F02

Protanopia
A59300

Deuteranopia
B88B1D



Tritanopia
8994A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7B9F02 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 #7B9F02 looks like.

```
.text, #text, p{  
    color:#7B9F02  
}
```

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 #7B9F02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B9F02
}
```

Border

The CSS property to change the border of an element to Hex 7B9F02 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
#7B9F02 }
```

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

```
.border{ border-color:#7B9F02 }
```

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

Here you see how a box with a 4 pixel #7B9F02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B9F02; -webkit-box-shadow:4px 4px  
4px 4px #7B9F02; box-shadow:4px 4px 4px  
4px #7B9F02 }
```

Background

The CSS property to change the background color of an element to Hex 7B9F02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B9F02 }
```

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

```
.background{ background-color:#7B9F02 }
```

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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