

Converting Colors

Hex(77B90B)

Have a look what the booklet for
Hex(77B90B) contains.

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Color

Hex(77B90B)

Conversions

Conversions Part 1

Format	Color
Hex	77B90B
RGB	119, 185, 11
RGB Percent	47%, 73%, 4%
CMY	0.5333, 0.2745, 0.9569
CMYK	0.36, 0.00, 0.94, 0.27
HSL	83°, 89%, 38%
HSV	83°, 94%, 73%
XYZ	25.0171, 38.6440, 6.4571
YIQ	145.4300, 16.5180, -68.1060

Conversions

Conversions Part 2

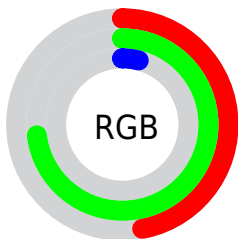
Format	Color
RYB	11, 185, 77
Decimal	7846155
CIELab	68.49, -43.76, 67.68
CIELCh	68, 80.598, 122.884
Yxy	38.6440, 0.3568, 0.5511
Android (android.graphics.Color)	4286036235 (0xFF77B90B)
YUV	145.4300, -66.2740, -23.1791
Hunter-Lab	62.1643, -36.9529, 37.3565

Details

The Hex color **77B90B** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4D0BB9**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **B0F152**, and **3D8300** is the 20% darker color. If you saturate the color by 10%, you get **73B900**, and if you desaturate by 10%, it is **7EB91D**.

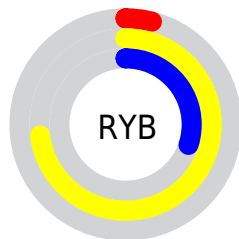
Distribution



Red (47%)

Green (73%)

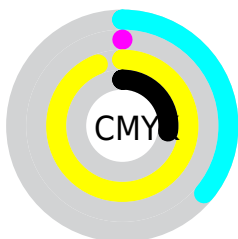
Blue (4%)



Red (4%)

Yellow (73%)

Blue (30%)

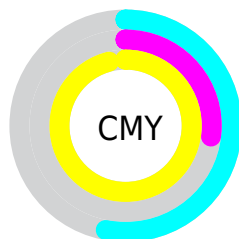


Cyan (36%)

Magenta (0%)

Yellow (94%)

Black (27%)



Cyan (53%)

Magenta (27%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77B90B 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 77B90B by changing the saturation by 10% instead.

 77B90B

 77B90B

FFFFFF

 5A9E00

 B0F152

 3D8300

 CEFF6E

 1E6A00

 EBFF8A

 005100

 FFFFA7

 003900

 FFFFC3

 002400

 FFFFEO

 000000

FFFFFFE

 77B90B

 77B90B

 73B900

 7EB91D

 85B930

 8CB942

 93B955

 9AB967

 A1B97A

 A8B98C

 AFB99F

 B6B9B1

Harmonies

Analogous

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



C2A600



77B90B



00C360

Triad

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



77B90B



00C0FF



FF56A3

Complementary

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



77B90B



4D0BB9

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.



FF6CEB



77B90B



00AEFF

Square

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



77B90B



00C7F5



AD90FF



FF685C

Rectangle

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



77B90B



00C793



AD90FF



FF59BC

Sweetspot

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



77B90B



D6F0AD



B94B0B



68784F



F7F7F7



787878

Same Dimension

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



77B90B



95F000



22B90B



585C53



619C00



111C00

Inverse Universe

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



4D0BB9



5B00F0



A20BB9



56535C



3B009C



0B001C

Previews

White Background



This preview shows how the Hex color 77B90B looks on a white background.

Color Contrast Check

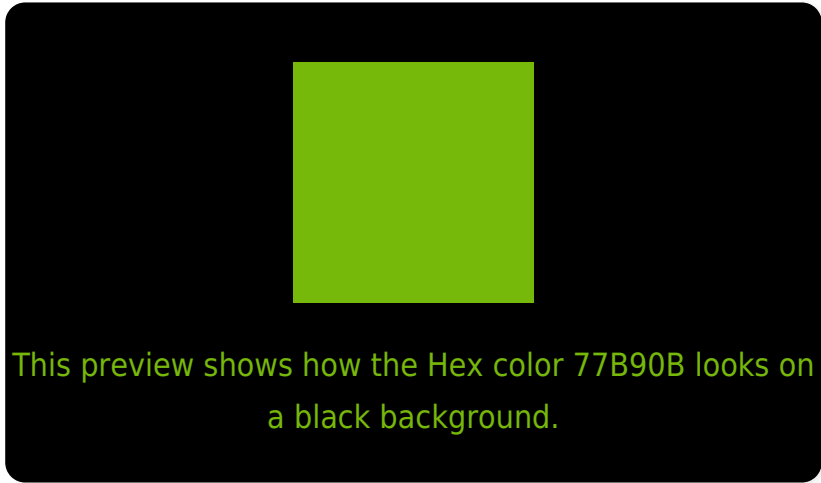
Large Text (above 18pt) WCAG AA × Fail

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 77B90B Background



This preview shows how black text looks on a background with the Hex color 77B90B.



This preview shows how white text looks on a background with the Hex color 77B90B.

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
77B90B

Protanopia
BCA700

Deuteranopia
D19E25

Trichromacy



Original Color

77B90B



Protanomaly

A3AE04



Deuteranomaly

B0A81C



Tritanomaly

83B17A

Monochromacy



Original Color

77B90B



Achromatopsia

919191



Achromatomaly

88A060

CSS Examples

Text

The CSS property to change the color of the text to Hex 77B90B 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 #77B90B looks like.

```
.text, #text, p{  
    color:#77B90B  
}
```

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 #77B90B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77B90B
}
```

Border

The CSS property to change the border of an element to Hex 77B90B 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
#77B90B }
```

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

```
.border{ border-color:#77B90B }
```

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

Here you see how a box with a 4 pixel #77B90B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77B90B; -webkit-box-shadow:4px 4px  
4px 4px #77B90B; box-shadow:4px 4px 4px  
4px #77B90B }
```

Background

The CSS property to change the background color of an element to Hex 77B90B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77B90B }
```

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

```
.background{ background-color:#77B90B }
```

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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