

Converting Colors

Hex(7F9931)

Have a look what the booklet for
Hex(7F9931) contains.

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Color

Hex(7F9931)

Conversions

Conversions Part 1

Format	Color
Hex	7F9931
RGB	127, 153, 49
RGB Percent	50%, 60%, 19%
CMY	0.5020, 0.4000, 0.8078
CMYK	0.17, 0.00, 0.68, 0.40
HSL	75°, 51%, 40%
HSV	75°, 68%, 60%
XYZ	20.6980, 27.5162, 7.1260
YIQ	133.3700, 17.8880, -37.8560

Conversions

Conversions Part 2

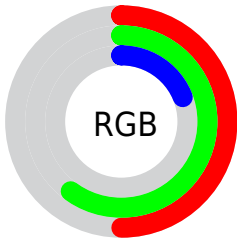
Format	Color
RYB	49, 153, 75
Decimal	8362289
CIELab	59.45, -24.40, 49.49
CIELCh	59, 55.173, 116.243
Yxy	27.5162, 0.3740, 0.4972
Android (android.graphics.Color)	4286552369 (0xFF7F9931)
YUV	133.3700, -41.5944, -5.5865
Hunter-Lab	52.4559, -21.3655, 28.6648

Details

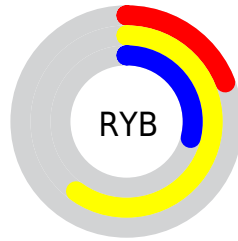
The Hex color **7F9931** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4B3199**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B6CF65**, and **4A6600** is the 20% darker color. If you saturate the color by 10%, you get **7B9922**, and if you desaturate by 10%, it is **839940**.

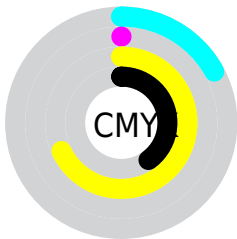
Distribution



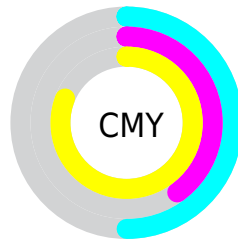
- Red (50%)
- Green (60%)
- Blue (19%)



- Red (19%)
- Yellow (60%)
- Blue (29%)



- Cyan (17%)
- Magenta (0%)
- Yellow (68%)
- Black (40%)



- Cyan (50%)
- Magenta (40%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F9931 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 7F9931 by changing the saturation by 10% instead.



7F9931



7F9931

FFFFFF



647F14



B6CF65



4A6600



D3EC7F



324E00



F0FF9A



163700



FFFFB6



002200



FFFFD2



000000



FFFFEF



7F9931



7F9931



7B9922



839940

■ 779912

■ 879950

■ 749903

■ 8A995F

■ 739900

■ 8E996E

■ 92997E

■ 96998D

■ 9A999C

■ 9E99AB

■ A199BB

Harmonies

Analogous

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



AE8B26



7F9931



3EA257

Triad

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



7F9931



00A1DF



E36397

Complementary

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



7F9931



4B3199

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.



C470C6



7F9931



0096F0

Square

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



7F9931



00A6B9



8685E6



E66767

Rectangle

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



7F9931



00A576



8685E6



DC66A8

Sweetspot

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



7F9931



BDC79F



994B31



5D634C



E3E3E3



636363

Same Dimension

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



7F9931



9EC724



4B9931



4B4D45



698C00



0A0D00

Inverse Universe

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



4B3199



4D24C7



7F3199



47454D



23008C



03000D

Previews

White Background



This preview shows how the Hex color 7F9931 looks on a white background.

Color Contrast Check

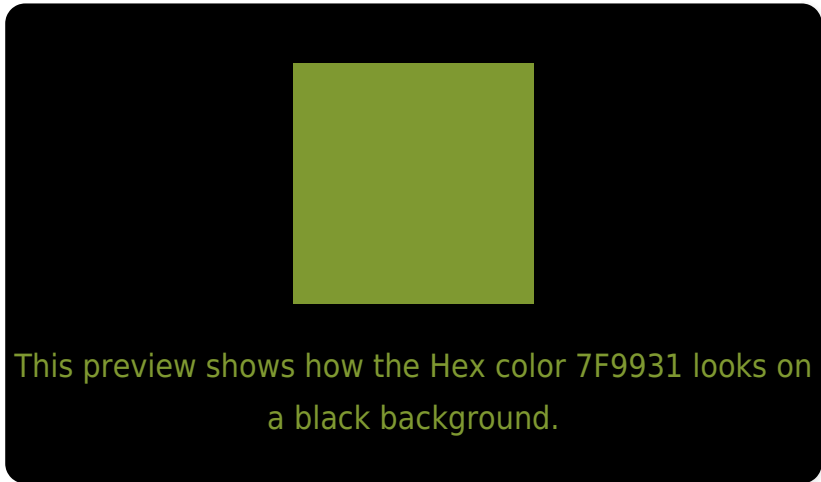
Large Text (above 18pt) WCAG AA ✓ Pass

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 7F9931 Background



This preview shows how black text looks on a background with the Hex color 7F9931.



This preview shows how white text looks on a background with the Hex color 7F9931.

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





Tritanopia
8B8F9A

Trichromacy



Original Color
7F9931

Protanomaly
94932F

Deuteranomaly
9F8E35

Tritanomaly
879374

Monochromacy



Original Color
7F9931

Achromatopsia
858585

Achromatomaly
838C66

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F9931 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 #7F9931 looks like.

```
.text, #text, p{  
    color:#7F9931  
}
```

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 #7F9931 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F9931
}
```

Border

The CSS property to change the border of an element to Hex 7F9931 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
#7F9931 }
```

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

```
.border{ border-color:#7F9931 }
```

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

Here you see how a box with a 4 pixel #7F9931 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F9931; -webkit-box-shadow:4px 4px  
4px 4px #7F9931; box-shadow:4px 4px 4px  
4px #7F9931 }
```

Background

The CSS property to change the background color of an element to Hex 7F9931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F9931 }
```

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

```
.background{ background-color:#7F9931 }
```

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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