

# Converting Colors

Hex(7B9025)

Have a look what the booklet for  
Hex(7B9025) contains.

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**Color**

**Hex(7B9025)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B9025
RGB	123, 144, 37
RGB Percent	48%, 56%, 15%
CMY	0.5176, 0.4353, 0.8549
CMYK	0.15, 0.00, 0.74, 0.44
HSL	72°, 59%, 35%
HSV	72°, 74%, 56%
XYZ	18.4756, 24.2910, 5.4651
YIQ	125.5230, 21.8310, -37.7290

# Conversions

## Conversions Part 2

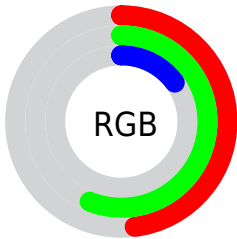
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 144, 58
Decimal	8097829
CIELab	56.38, -22.34, 51.01
CIElCh	56, 55.690, 113.645
Yxy	24.2910, 0.3831, 0.5036
Android (android.graphics.Color)	4286287909 (0xFF7B9025)
YUV	125.5230, -43.6418, -2.2127
Hunter-Lab	49.2859, -19.3370, 27.9257

# Details

The Hex color **7B9025** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3A2590**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B2C65A**, and **465E00** is the 20% darker color. If you saturate the color by 10%, you get **789017**, and if you desaturate by 10%, it is **7E9033**.

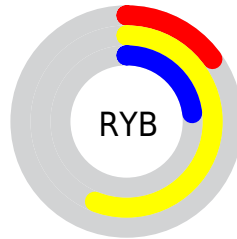
# Distribution



Red (48%)

Green (56%)

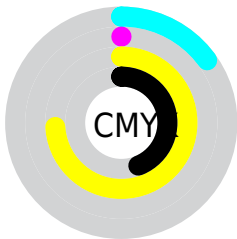
Blue (15%)



Red (15%)

Yellow (56%)

Blue (23%)

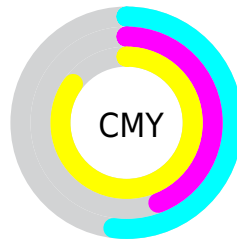


Cyan (15%)

Magenta (0%)

Yellow (74%)

Black (44%)



Cyan (52%)

Magenta (44%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B9025 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 7B9025 by changing the saturation by 10% instead.





7B9025



7B9025

FFFFFF



607602



B2C65A



465E00



CFE274



2D4600



ECFE8F



122F00



FFFFAA



001D00



FFFFC6



000000



FFFFE3



7B9025



7B9025



789017



7E9033

■ 759008

■ 819042

■ 749000

■ 839050

■ 86905F

■ 89906D

■ 8C907B

■ 8F908A

■ 929098

■ 9490A7

# Harmonies

## Analogous

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



A9811D



7B9025



3B994B

# Triad

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



7B9025



009AD5



D95A94

# Complementary

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



7B9025



3A2590

# 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.



B86AC1



7B9025



0090E8

# Square

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



7B9025



009EAD



757FE0



DE5D63

# Rectangle

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



7B9025



009D6A



757FE0



D15EA4



# Sweetspot

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



7B9025



B2BA91



903925



5A5E46



DEDEDE



5E5E5E



# Same Dimension

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



7B9025



9ABA14



479025



464740



6D8700



060800



# Inverse Universe

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



3A2590



3514BA



6E2590



424047



1B0087



020008



# Previews

## White Background



This preview shows how the Hex color 7B9025 looks on a white background.

## Color Contrast Check

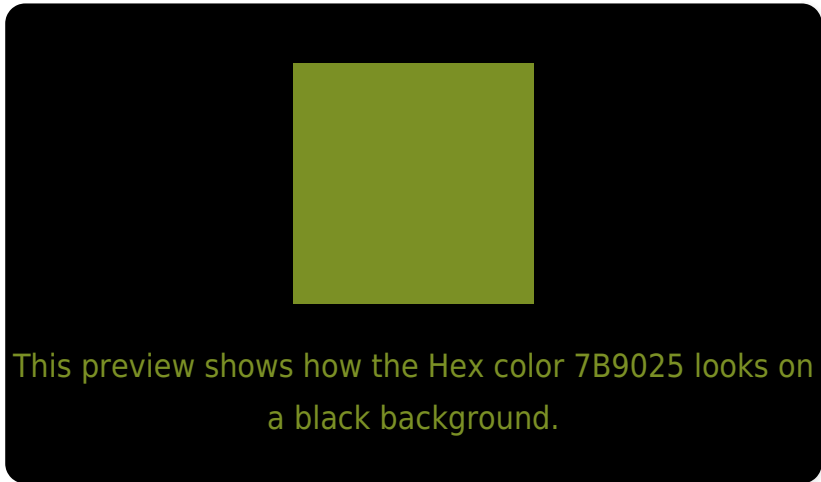
Large Text (above 18pt) WCAG AA ✓ Pass

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 7B9025 Background



This preview shows how black text looks on a background with the Hex color 7B9025.

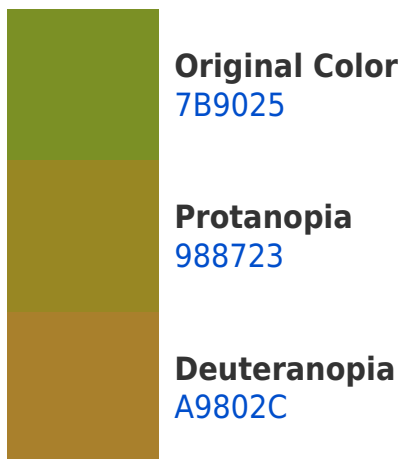



This preview shows how white text looks on a background with the Hex color 7B9025.

# 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**  
868691

# Trichromacy



**Original Color**  
7B9025

**Protanomaly**  
8D8A24

**Deuteranomaly**  
988629

**Tritanomaly**  
828A6A

# Monochromacy



**Original Color**  
7B9025

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
7D855E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B9025 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 #7B9025 looks like.

```
.text, #text, p{  
    color:#7B9025  
}
```

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 #7B9025 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B9025
}
```

## Border

The CSS property to change the border of an element to Hex 7B9025 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
#7B9025 }
```

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

```
.border{ border-color:#7B9025 }
```

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

Here you see how a box with a 4 pixel #7B9025 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B9025; -webkit-box-shadow:4px 4px  
4px 4px #7B9025; box-shadow:4px 4px 4px  
4px #7B9025 }
```

# Background

The CSS property to change the background color of an element to Hex 7B9025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B9025 }
```

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

```
.background{ background-color:#7B9025 }
```

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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