

# Converting Colors

Hex(7C18B4)

Have a look what the booklet for  
Hex(7C18B4) contains.

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# Color

**Hex(7C18B4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C18B4
RGB	124, 24, 180
RGB Percent	49%, 9%, 71%
CMY	0.5137, 0.9059, 0.2941
CMYK	0.31, 0.87, 0.00, 0.29
HSL	278°, 76%, 40%
HSV	278°, 87%, 71%
XYZ	16.8770, 8.2336, 43.8797
YIQ	71.6840, 9.5240, 69.7160

# Conversions

## Conversions Part 2

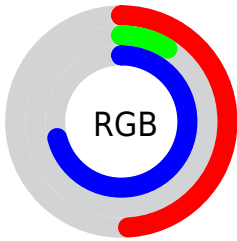
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 24, 180
Decimal	8132788
CIELab	34.46, 63.51, -60.72
CIElCh	34, 87.867, 316.287
Yxy	8.2336, 0.2446, 0.1193
Android (android.graphics.Color)	4286322868 (0xFF7C18B4)
YUV	71.6840, 53.3998, 45.8811
Hunter-Lab	28.6943, 54.7726, -70.5811

# Details

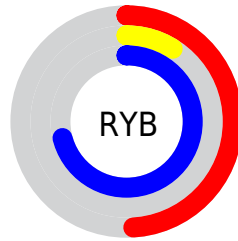
The Hex color **7C18B4** is a dark color, and the websafe version is hex **9933CC**. A complement of this color would be **50B418**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **B655ED**, and **43007E** is the 20% darker color. If you saturate the color by 10%, you get **7606B4**, and if you desaturate by 10%, it is **822AB4**.

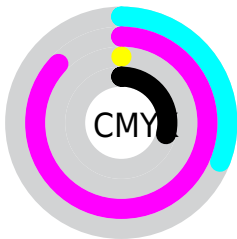
# Distribution



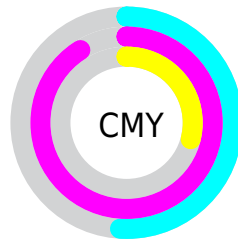
- Red (49%)
- Green (9%)
- Blue (71%)



- Red (49%)
- Yellow (9%)
- Blue (71%)



- Cyan (31%)
- Magenta (87%)
- Yellow (0%)
- Black (29%)



- Cyan (51%)
- Magenta (91%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C18B4 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 7C18B4 by changing the saturation by 10% instead.



7C18B4

7C18B4

FFFFFF

600099

B655ED

43007E

D370FF

250064

F18CFF

00004B

FFA7FF

000433

FFC4FF

00021D

FFE1FF

000000

FFFEFF

7C18B4

7C18B4

 7606B4

 822AB4

 7300B4

 893CB4

 8F4EB4

 9660B4

 9C72B4

 A384B4

 A996B4

 B0A8B4

 B6BAB4

# Harmonies

## Analogous

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



004FDC



7C18B4



B70074

# Triad

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



7C18B4



7E4200



006A77

# Complementary

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



7C18B4



50B418

# 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.



00682D



7C18B4



3F5A00

# Square

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



7C18B4



AA0000



006400



006AB7

# Rectangle

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



7C18B4



C20046



006400



006A5F



# Sweetspot

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



7C18B4



D5AEEB



1851B4



685175



F5F5F5



757575



# Same Dimension

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



7C18B4



9600EB



B4189F



565059



620099



10001A



# Inverse Universe

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



B41850



EB0054



18B42D



595054



990037



1A0009



# Previews

## White Background



This preview shows how the Hex color 7C18B4 looks on a white background.

## Color Contrast Check

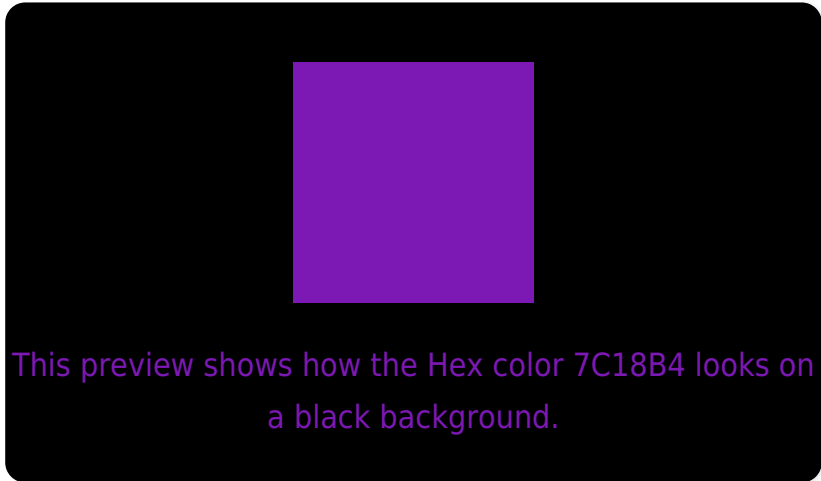
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

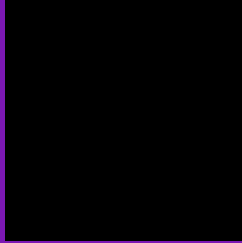
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7C18B4 Background



This preview shows how black text looks on a background with the Hex color 7C18B4.

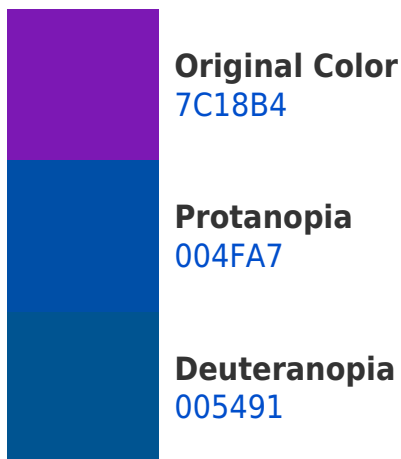



This preview shows how white text looks on a background with the Hex color 7C18B4.

# 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**  
6A494E

# Trichromacy



**Original Color**  
7C18B4



**Protanomaly**  
2D3BAC



**Deuteranomaly**  
2D3E9E



**Tritanomaly**  
713773

# Monochromacy



**Original Color**  
7C18B4



**Achromatopsia**  
484848



**Achromatomaly**  
5B376F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C18B4 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 #7C18B4 looks like.

```
.text, #text, p{  
    color:#7C18B4  
}
```

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 #7C18B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C18B4
}
```

## Border

The CSS property to change the border of an element to Hex 7C18B4 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
#7C18B4 }
```

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

```
.border{ border-color:#7C18B4 }
```

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

Here you see how a box with a 4 pixel #7C18B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C18B4; -webkit-box-shadow:4px 4px  
4px 4px #7C18B4; box-shadow:4px 4px 4px  
4px #7C18B4 }
```

# Background

The CSS property to change the background color of an element to Hex 7C18B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C18B4 }
```

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

```
.background{ background-color:#7C18B4 }
```

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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