

Converting Colors

Hex(7A1F86)

Have a look what the booklet for
Hex(7A1F86) contains.

Hex(7A1F86)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7A1F86)

Conversions

Conversions Part 1

Format	Color
Hex	7A1F86
RGB	122, 31, 134
RGB Percent	48%, 12%, 53%
CMY	0.5216, 0.8784, 0.4745
CMYK	0.09, 0.77, 0.00, 0.47
HSL	293°, 62%, 32%
HSV	293°, 77%, 53%
XYZ	12.8191, 6.8388, 23.1986
YIQ	69.9510, 21.1730, 51.3250

Conversions

Conversions Part 2

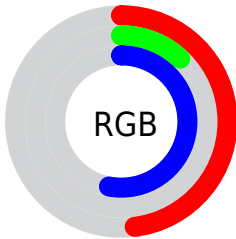
Format	Color
RYB	122, 31, 134
Decimal	8003462
CIELab	31.44, 51.94, -37.67
CIElCh	31, 64.163, 324.054
Yxy	6.8388, 0.2991, 0.1596
Android (android.graphics.Color)	4286193542 (0xFF7A1F86)
YUV	69.9510, 31.5762, 45.6470
Hunter-Lab	26.1511, 41.7353, -34.2905

Details

The Hex color **7A1F86** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **2B861F**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **B156BC**, and **450054** is the 20% darker color. If you saturate the color by 10%, you get **781286**, and if you desaturate by 10%, it is **7C2C86**.

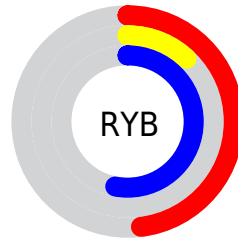
Distribution



Red (48%)

Green (12%)

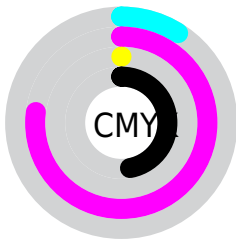
Blue (53%)



Red (48%)

Yellow (12%)

Blue (53%)

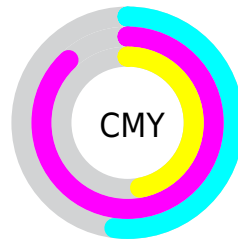


Cyan (9%)

Magenta (77%)

Yellow (0%)

Black (47%)



Cyan (52%)

Magenta (88%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7A1F86 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 7A1F86 by changing the saturation by 10% instead.

7A1F86

7A1F86

FFFFFF

5F006C

B156BC

450054

CE70D8

2E003C

EB8BF4

0A0025

FFA7FF

00010D

FFC3FF

000000

FFE0FF

FFFDFF

7A1F86

7A1F86

■ 781286

■ 7C2C86

■ 770486

■ 7D3A86

■ 760086

■ 7F4786

■ 805586

■ 826286

■ 836F86

■ 857D86

■ 868A86

■ 889886

Harmonies

Analogous

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



1841A8



7A1F86



9A0056

Triad

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



7A1F86



644500



005E72

Complementary

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



7A1F86



2B861F

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.



005D3E



7A1F86



345300

Square

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



7A1F86



872B00



005A00



005C9C

Rectangle

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



7A1F86



9E0035



005A00



005E61

Sweetspot

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



7A1F86



A986AD



1F2B86



543E57



D6D6D6



575757

Same Dimension

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



7A1F86



9B0EAD



861F5F



423C42



730082



020003

Inverse Universe

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



861F2B



AD0E20



1F8646



423C3C



82000F



030000

Previews

White Background



This preview shows how the Hex color 7A1F86 looks on a white background.

Color Contrast Check

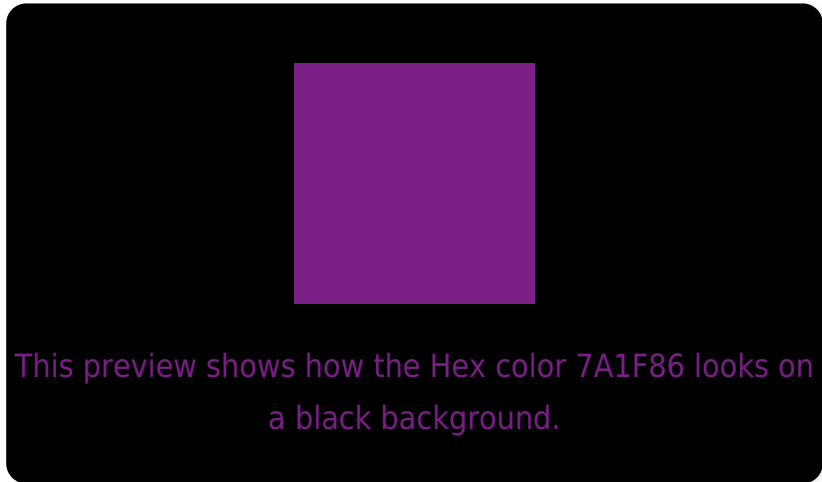
Large Text (above 18pt) WCAG AA ✓ Pass

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

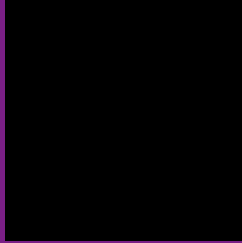
Any Text WCAG AA × Fail

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 7A1F86 Background



This preview shows how black text looks on a background with the Hex color 7A1F86.



This preview shows how white text looks on a background with the Hex color 7A1F86.

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
713A3F

Trichromacy



Original Color

7A1F86



Protanomaly

2C3A93



Deuteranomaly

453C82



Tritanomaly

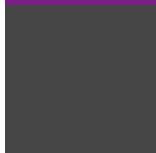
743059

Monochromacy



Original Color

7A1F86



Achromatopsia

464646



Achromatomaly

59385D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7A1F86 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 #7A1F86 looks like.

```
.text, #text, p{  
    color:#7A1F86  
}
```

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 #7A1F86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7A1F86
}
```

Border

The CSS property to change the border of an element to Hex 7A1F86 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
#7A1F86 }
```

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

```
.border{ border-color:#7A1F86 }
```

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

Here you see how a box with a 4 pixel #7A1F86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7A1F86; -webkit-box-shadow:4px 4px  
4px 4px #7A1F86; box-shadow:4px 4px 4px  
4px #7A1F86 }
```

Background

The CSS property to change the background color of an element to Hex 7A1F86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7A1F86 }
```

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

```
.background{ background-color:#7A1F86 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor