

Converting Colors

Hex(71318F)

Have a look what the booklet for
Hex(71318F) contains.

Hex(71318F)	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>	28

Color

Hex(71318F)

Conversions

Conversions Part 1

Format	Color
Hex	71318F
RGB	113, 49, 143
RGB Percent	44%, 19%, 56%
CMY	0.5569, 0.8078, 0.4392
CMYK	0.21, 0.66, 0.00, 0.44
HSL	281°, 49%, 38%
HSV	281°, 66%, 56%
XYZ	12.8663, 7.6905, 26.7929
YIQ	78.8520, 7.9700, 42.8020

Conversions

Conversions Part 2

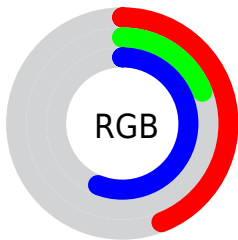
Format	Color
R _Y B	113, 49, 143
Decimal	7418255
CIE Lab	33.33, 44.10, -40.28
CIE LCh	33, 59.725, 317.594
Yxy	7.6905, 0.2717, 0.1624
Android (android.graphics.Color)	4285608335 (0xFF71318F)
YUV	78.8520, 31.6250, 29.9478
Hunter-Lab	27.7318, 34.2854, -37.8705

Details

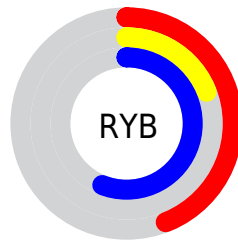
The Hex color **71318F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4F8F31**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **A764C5**, and **3D005C** is the 20% darker color. If you saturate the color by 10%, you get **6C238F**, and if you desaturate by 10%, it is **763F8F**.

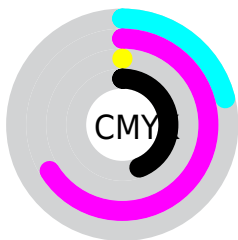
Distribution



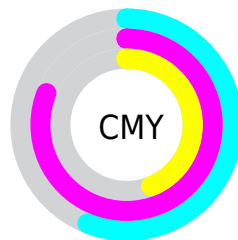
- Red (44%)
- Green (19%)
- Blue (56%)



- Red (44%)
- Yellow (19%)
- Blue (56%)



- Cyan (21%)
- Magenta (66%)
- Yellow (0%)
- Black (44%)



- Cyan (56%)
- Magenta (81%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71318F 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 71318F by changing the saturation by 10% instead.

 71318F

 71318F

FFFFFF

 571775

 A764C5

 3D005C

 C47EE2

 250044

 E098FE

 00002D

 FEB4FF

 000117

 FFD0FF

 000000

 FFEDFF

 71318F

 71318F

 6C238F

 763F8F

68148F

7A4E8F

63068F

7F5C8F

61008F

836A8F

88798F

8C878F

91958F

96A38F

9AB28F

Harmonies

Analogous

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



004BAA



71318F



970A64

Triad

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



71318F



714500



00626A

Complementary

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



71318F



4F8F31

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.



006138



71318F



475500

Square

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



71318F



8F2C03



005D00



006194

Rectangle

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



71318F



9F0045



005D00



00625A

Sweetspot

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



71318F



AE95BA



31508F



57485E



DEDEDE



5E5E5E

Same Dimension

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



71318F



8B27BA



8F317F



454047



5C0087



050008

Inverse Universe

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



8F314F



BA2756



318F41



474043



87002B



080002

Previews

White Background



This preview shows how the Hex color 71318F looks on a white background.

Color Contrast Check

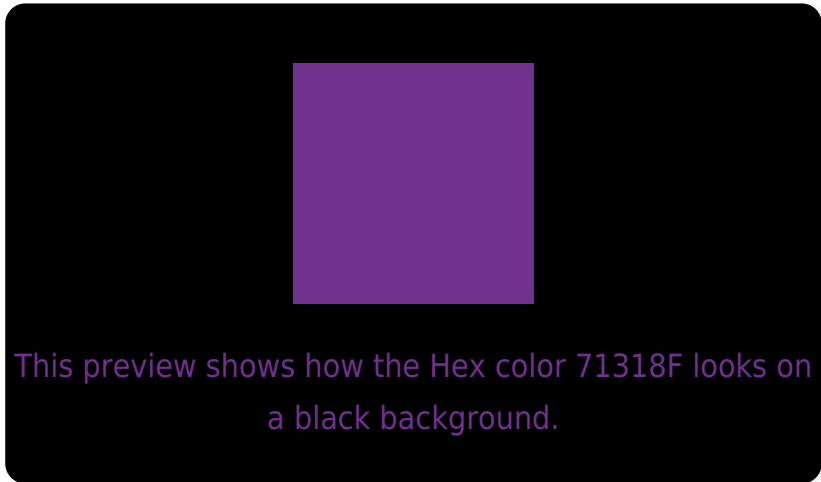
Large Text (above 18pt) WCAG AA ✓ Pass

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

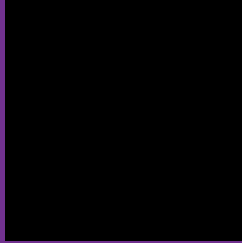
Any Text WCAG AA × Fail

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 71318F Background



This preview shows how black text looks on a background with the Hex color 71318F.

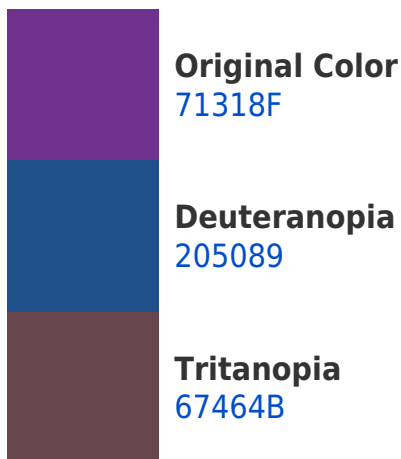


This preview shows how white text looks on a background with the Hex color 71318F.

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



Trichromacy

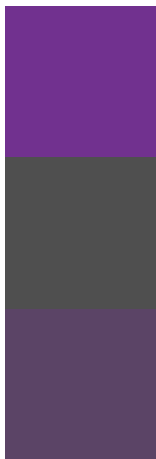


Original Color
71318F

Deuteranomaly
3D458B

Tritanomaly
6B3E64

Monochromacy



Original Color
71318F

Achromatopsia
4F4F4F

Achromatomaly
5B4466

CSS Examples

Text

The CSS property to change the color of the text to Hex 71318F 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 #71318F looks like.

```
.text, #text, p{  
    color:#71318F  
}
```

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 #71318F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71318F
}
```

Border

The CSS property to change the border of an element to Hex 71318F is called "border". The border property can be set on classes, ids or directly on the HTML element.

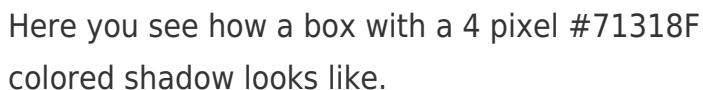
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#71318F }
```

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

```
.border{ border-color:#71318F }
```

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



Here you see how a box with a 4 pixel #71318F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71318F; -webkit-box-shadow:4px 4px  
4px 4px #71318F; box-shadow:4px 4px 4px  
4px #71318F }
```

Background

The CSS property to change the background color of an element to Hex 71318F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71318F }
```

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

```
.background{ background-color:#71318F }
```

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