

Converting Colors

Hex(71238B)

Have a look what the booklet for
Hex(71238B) contains.

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Color

Hex(71238B)

Conversions

Conversions Part 1

Format	Color
Hex	71238B
RGB	113, 35, 139
RGB Percent	44%, 14%, 55%
CMY	0.5569, 0.8627, 0.4549
CMYK	0.19, 0.75, 0.00, 0.45
HSL	285°, 60%, 34%
HSV	285°, 75%, 55%
XYZ	12.0713, 6.5769, 25.0593
YIQ	70.1780, 13.1040, 48.8800

Conversions

Conversions Part 2

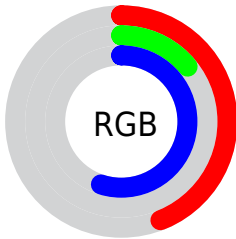
Format	Color
R_{YB}	113, 35, 139
Decimal	7414667
CIE _{Lab}	30.82, 49.50, -41.83
CIE _{LCh}	31, 64.813, 319.799
Yxy	6.5769, 0.2762, 0.1505
Android (android.graphics.Color)	4285604747 (0xFF71238B)
YUV	70.1780, 33.9292, 37.5549
Hunter-Lab	25.6454, 39.1406, -39.9833

Details

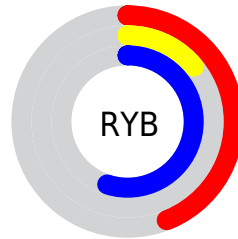
The Hex color **71238B** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **3D8B23**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **A858C1**, and **3C0058** is the 20% darker color. If you saturate the color by 10%, you get **6E158B**, and if you desaturate by 10%, it is **74318B**.

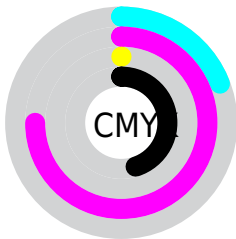
Distribution



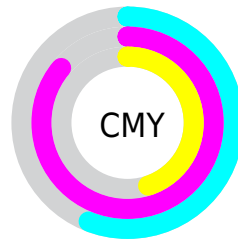
- Red (44%)
- Green (14%)
- Blue (55%)



- Red (44%)
- Yellow (14%)
- Blue (55%)



- Cyan (19%)
- Magenta (75%)
- Yellow (0%)
- Black (45%)



- Cyan (56%)
- Magenta (86%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71238B 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 71238B by changing the saturation by 10% instead.

71238B

71238B

FFFFFF

560071

A858C1

3C0058

C472DD

260040

E18DFA

000029

FFA8FF

000113

FFC4FF

000000

FFE1FF

FFFEFF

71238B

71238B

6E158B

74318B

6A078B

783F8B

68008B

7B4D8B

7F5B8B

82698B

86768B

89848B

8D928B

90A08B

Harmonies

Analogous

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



0043AA



71238B



97005C

Triad

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



71238B



684000



005D6A

Complementary

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



71238B



3D8B23

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.



005C35



71238B



3A5000

Square

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



71238B



8A2300



005800



005B96

Rectangle

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



71238B



9D003B



005800



005D59

Sweetspot

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



71238B



AB8DB5



233D8B



56445C



DBDBDB



5C5C5C

Same Dimension

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



71238B



8C12B5



8B2371



433E45



630085



040005

Inverse Universe

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



8B233D



B5123B



238B3D



453E40



850021



050001

Previews

White Background



This preview shows how the Hex color 71238B looks on a white background.

Color Contrast Check

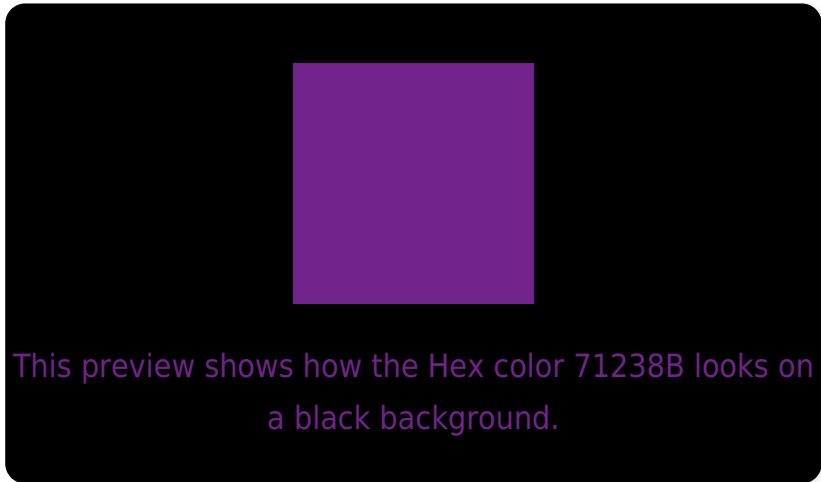
Large Text (above 18pt) WCAG AA ✓ Pass

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

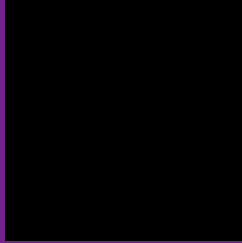
Any Text WCAG AA × Fail

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 71238B Background



This preview shows how black text looks on a background with the Hex color 71238B.



This preview shows how white text looks on a background with the Hex color 71238B.

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



Original Color
71238B

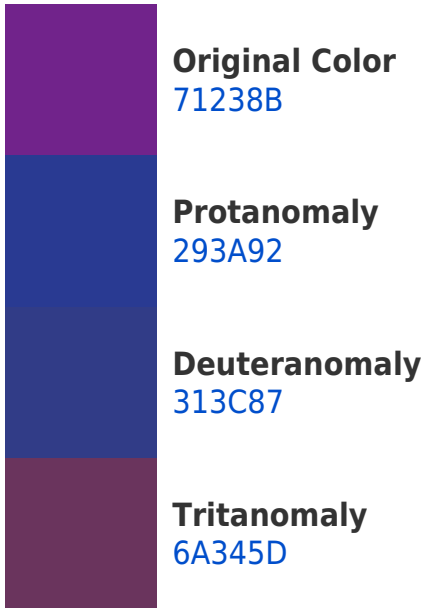
Protanopia
004796

Deuteranopia
0D4B84

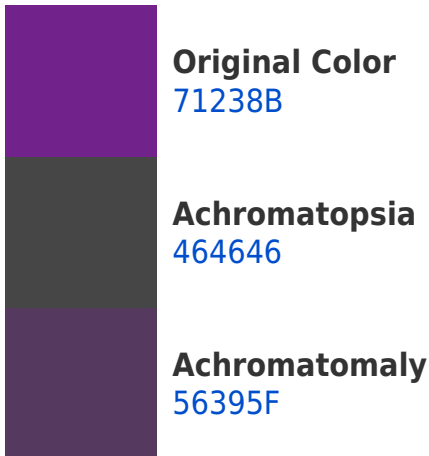


Tritanopia
663E42

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71238B 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 #71238B looks like.

```
.text, #text, p{  
    color:#71238B  
}
```

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 #71238B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71238B
}
```

Border

The CSS property to change the border of an element to Hex 71238B is called "border". The border property can be set on classes, ids or directly on the HTML element.

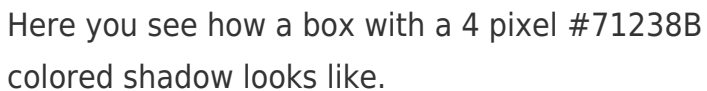
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#71238B }
```

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

```
.border{ border-color:#71238B }
```

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



Here you see how a box with a 4 pixel #71238B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71238B; -webkit-box-shadow:4px 4px  
4px 4px #71238B; box-shadow:4px 4px 4px  
4px #71238B }
```

Background

The CSS property to change the background color of an element to Hex 71238B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71238B }
```

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

```
.background{ background-color:#71238B }
```

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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