

Converting Colors

Hex(7338C6)

Have a look what the booklet for
Hex(7338C6) contains.

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Color

Hex(7338C6)

Conversions

Conversions Part 1

Format	Color
Hex	7338C6
RGB	115, 56, 198
RGB Percent	45%, 22%, 78%
CMY	0.5490, 0.7804, 0.2235
CMYK	0.42, 0.72, 0.00, 0.22
HSL	265°, 56%, 50%
HSV	265°, 72%, 78%
XYZ	18.6774, 10.5504, 54.4781
YIQ	89.8290, -10.4180, 56.6700

Conversions

Conversions Part 2

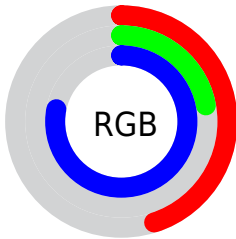
Format	Color
R _Y B	115, 56, 198
Decimal	7551174
CIE Lab	38.81, 54.43, -64.27
CIE LCh	39, 84.221, 310.260
Yxy	10.5504, 0.2231, 0.1260
Android (android.graphics.Color)	4285741254 (0xFF7338C6)
YUV	89.8290, 53.3283, 22.0750
Hunter-Lab	32.4814, 45.7987, -76.7048

Details

The Hex color **7338C6** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **8BC638**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **AD6CFF**, and **37008F** is the 20% darker color. If you saturate the color by 10%, you get **6724C6**, and if you desaturate by 10%, it is **7F4CC6**.

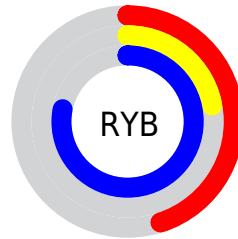
Distribution



Red (45%)

Green (22%)

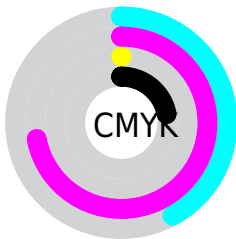
Blue (78%)



Red (45%)

Yellow (22%)

Blue (78%)

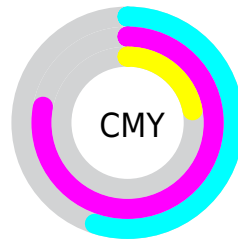


Cyan (42%)

Magenta (72%)

Yellow (0%)

Black (22%)



Cyan (55%)

Magenta (78%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7338C6 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 7338C6 by changing the saturation by 10% instead.



7338C6



7338C6

FFFFFF



561DAA



AD6CFF



37008F



CA86FF



100075



E8A2FF



00005B



FFBDFD



000242



FFDAFF



00032B



FFF7FF



000116



000000



7338C6



7338C6

6724C6

7F4CC6

5C10C6

8A60C6

5200C6

9673C6

A187C6

AD9BC6

B8AFC6

C4C3C6

D0D6C6

DBEAC6

Harmonies

Analogous

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



005EE6



7338C6



B9008B

Triad

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



7338C6



944600



007572

Complementary

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



7338C6



8BC638

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.



007328



7338C6



5B6000

Square

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



7338C6



BC0000



006D00



0075B4

Rectangle

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



7338C6



CA005E



006D00



00755A

Sweetspot

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



7338C6



DEC7FF



388DC6



6C5E80



000000



808080

Same Dimension

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



7338C6



7F24FF



B838C6



5E5A63



4400A3



0F0024

Inverse Universe

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



C6388B



FF24A4



46C638



635A5F



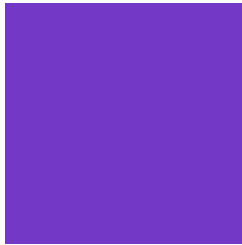
A3005F



240015

Previews

White Background



This preview shows how the Hex color 7338C6 looks on a white background.

Color Contrast Check

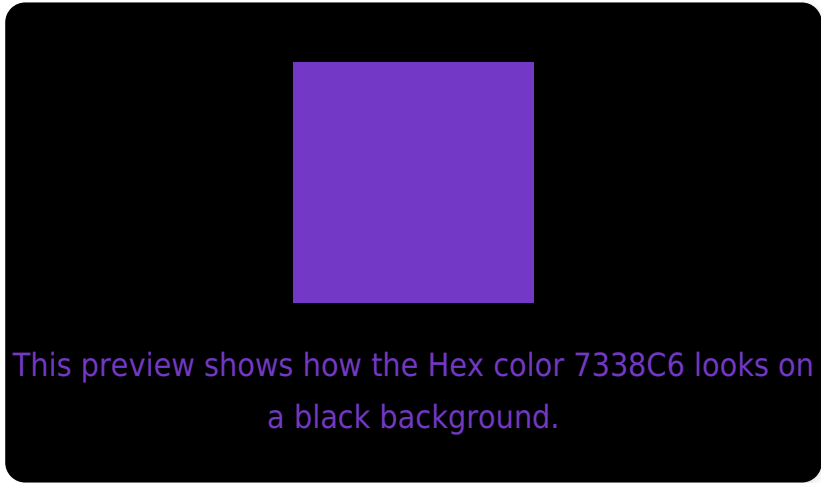
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

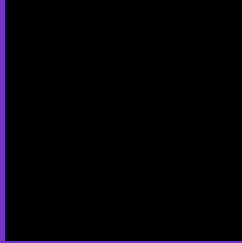
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 7338C6 Background



This preview shows how black text looks on a background with the Hex color 7338C6.

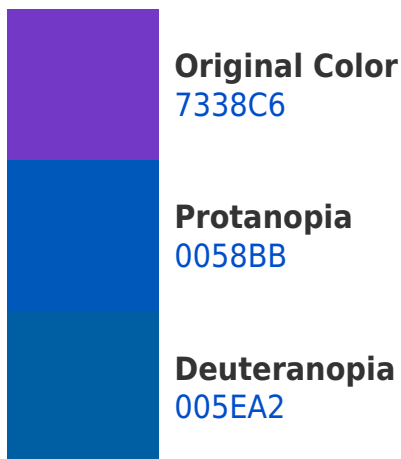


This preview shows how white text looks on a background with the Hex color 7338C6.

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
5C5B62

Trichromacy



Original Color
7338C6

Protanomaly
2A4CBF

Deuteranomaly
2A50AF

Tritanomaly
644E86

Monochromacy



Original Color
7338C6

Achromatopsia
5A5A5A

Achromatomaly
634E81

CSS Examples

Text

The CSS property to change the color of the text to Hex 7338C6 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 #7338C6 looks like.

```
.text, #text, p{  
    color:#7338C6  
}
```

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 #7338C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7338C6  
}
```

Border

The CSS property to change the border of an element to Hex 7338C6 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  
#7338C6 }
```

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

```
.border{ border-color:#7338C6 }
```

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

Here you see how a box with a 4 pixel #7338C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7338C6; -webkit-box-shadow:4px 4px  
4px 4px #7338C6; box-shadow:4px 4px 4px  
4px #7338C6 }
```

Background

The CSS property to change the background color of an element to Hex 7338C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7338C6 }
```

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

```
.background{ background-color:#7338C6 }
```

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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