

Converting Colors

Hex(6838C7)

Have a look what the booklet for
Hex(6838C7) contains.

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Color

Hex(6838C7)

Conversions

Conversions Part 1

Format	Color
Hex	6838C7
RGB	104, 56, 199
RGB Percent	41%, 22%, 78%
CMY	0.5922, 0.7804, 0.2196
CMYK	0.48, 0.72, 0.00, 0.22
HSL	260°, 56%, 50%
HSV	260°, 72%, 78%
XYZ	17.4319, 9.8949, 55.0240
YIQ	86.6540, -17.2950, 54.6490

Conversions

Conversions Part 2

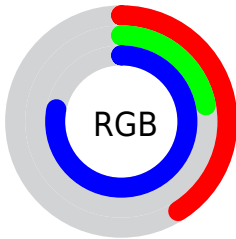
Format	Color
RYB	104, 56, 199
Decimal	6830279
CIELab	37.65, 52.82, -66.80
CIELCh	38, 85.156, 308.332
Yxy	9.8949, 0.2117, 0.1202
Android (android.graphics.Color)	4285020359 (0xFF6838C7)
YUV	86.6540, 55.3866, 15.2124
Hunter-Lab	31.4562, 43.8699, -81.6922

Details

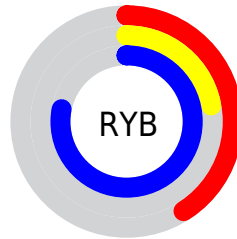
The Hex color **6838C7** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **97C738**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **A26BFF**, and **280090** is the 20% darker color. If you saturate the color by 10%, you get **5B24C7**, and if you desaturate by 10%, it is **754CC7**.

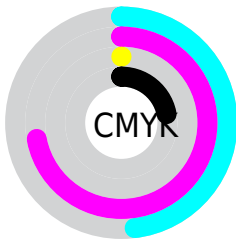
Distribution



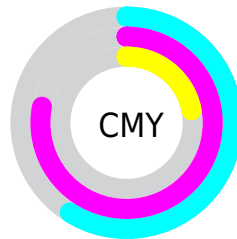
- Red (41%)
- Green (22%)
- Blue (78%)



- Red (41%)
- Yellow (22%)
- Blue (78%)



- Cyan (48%)
- Magenta (72%)
- Yellow (0%)
- Black (22%)



- Cyan (59%)
- Magenta (78%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6838C7 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 6838C7 by changing the saturation by 10% instead.

 6838C7

 6838C7

FFFFFF

 4A1EAB

 A26BFF

 280090

 C085FF

 000075

 DEA0FF

 00005C

 FCBCFF

 000743

 FFD8FF

 00032C

 FFF5FF

 000116

 000000

 6838C7

 6838C7

■ 5B24C7

■ 754CC7

■ 4E10C7

■ 8260C7

■ 4300C7

■ 9074C7

■ 9D88C7

■ AA9CC7

■ B7AFC7

■ C5C3C7

■ D2D7C7

■ DFEB C7

Harmonies

Analogous

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



005DE5



6838C7



B4008D

Triad

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



6838C7



944000



00726B

Complementary

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



6838C7



97C738

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.



00701F



6838C7



5C5D00

Square

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



6838C7



BB0000



006A00



0073AE

Rectangle

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



6838C7



C70060



006A00



007253

Sweetspot

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



6838C7



DAC7FF



3897C7



695E80



000000



808080

Same Dimension

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



6838C7



6D24FF



AF38C7



5D5A63



3700A3



0C0024

Inverse Universe

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



C73897



FF24B5



50C738



635A60



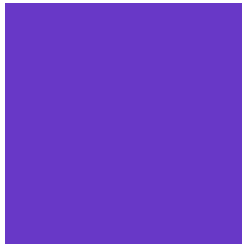
A3006C



240018

Previews

White Background



This preview shows how the Hex color 6838C7 looks on a white background.

Color Contrast Check

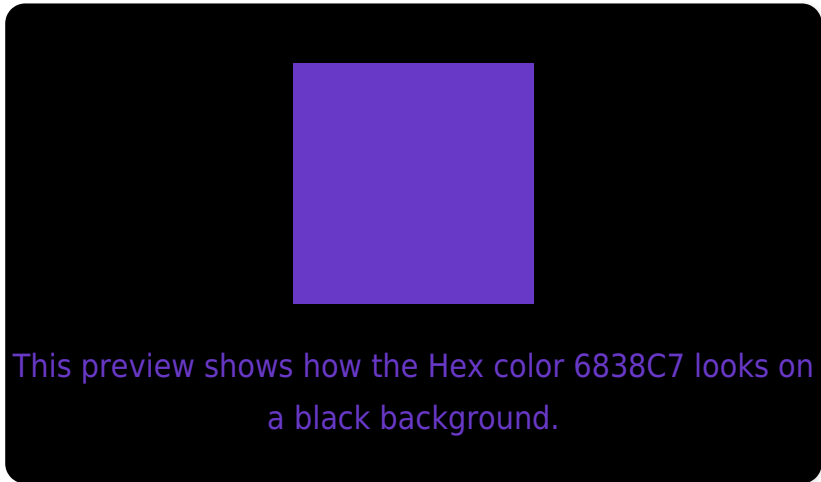
Large Text (above 18pt) WCAG AA ✓ Pass

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

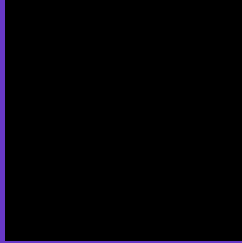
Any Text WCAG AA × Fail

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 6838C7 Background



This preview shows how black text looks on a background with the Hex color 6838C7.



This preview shows how white text looks on a background with the Hex color 6838C7.

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
4D5B62

Trichromacy



Original Color
6838C7



Protanomaly
264BBC



Deuteranomaly
264EAC



Tritanomaly
574E87

Monochromacy



Original Color
6838C7



Achromatopsia
575757



Achromatomaly
5D4C80

CSS Examples

Text

The CSS property to change the color of the text to Hex 6838C7 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 #6838C7 looks like.

```
.text, #text, p{  
    color:#6838C7  
}
```

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 #6838C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6838C7
}
```

Border

The CSS property to change the border of an element to Hex 6838C7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

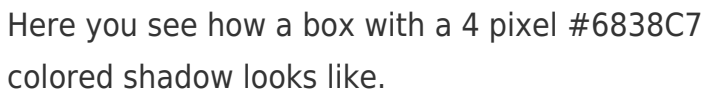
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6838C7 }
```

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

```
.border{ border-color:#6838C7 }
```

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



Here you see how a box with a 4 pixel #6838C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6838C7; -webkit-box-shadow:4px 4px  
4px 4px #6838C7; box-shadow:4px 4px 4px  
4px #6838C7 }
```

Background

The CSS property to change the background color of an element to Hex 6838C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6838C7 }
```

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

```
.background{ background-color:#6838C7 }
```

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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