

Converting Colors

Hex(6857B8)

Have a look what the booklet for
Hex(6857B8) contains.

Hex(6857B8)	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(6857B8)

Conversions

Conversions Part 1

Format	Color
Hex	6857B8
RGB	104, 87, 184
RGB Percent	41%, 34%, 72%
CMY	0.5922, 0.6588, 0.2784
CMYK	0.43, 0.53, 0.00, 0.28
HSL	251°, 41%, 53%
HSV	251°, 53%, 72%
XYZ	17.7688, 13.2201, 46.9626
YIQ	103.1410, -21.0050, 33.7710

Conversions

Conversions Part 2

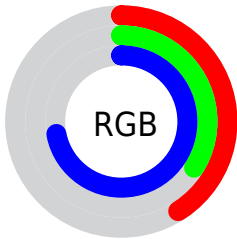
Format	Color
RYB	104, 87, 184
Decimal	6838200
CIELab	43.09, 31.19, -49.23
CIELCh	43, 58.273, 302.355
Yxy	13.2201, 0.2279, 0.1696
Android (android.graphics.Color)	4285028280 (0xFF6857B8)
YUV	103.1410, 39.8635, 0.7533
Hunter-Lab	36.3595, 23.6036, -51.1284

Details

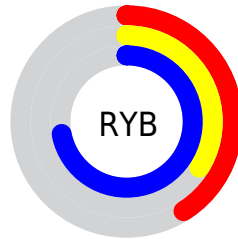
The Hex color **6857B8** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A7B857**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9F89F1**, and **302982** is the 20% darker color. If you saturate the color by 10%, you get **5945B8**, and if you desaturate by 10%, it is **7769B8**.

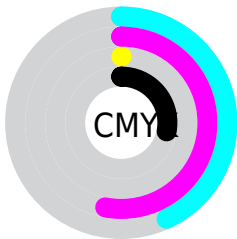
Distribution



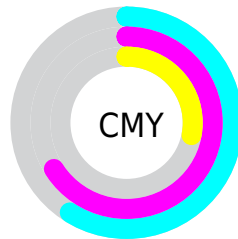
- Red (41%)
- Green (34%)
- Blue (72%)



- Red (41%)
- Yellow (34%)
- Blue (72%)



- Cyan (43%)
- Magenta (53%)
- Yellow (0%)
- Black (28%)



- Cyan (59%)
- Magenta (66%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6857B8 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 6857B8 by changing the saturation by 10% instead.

■ 6857B8

■ 6857B8

FFFFFF

■ 4D3F9D

■ 9F89F1

■ 302982

■ BCA4FF

■ 0C1468

■ D9BFFF

■ 000050

■ F6DBFF

■ 000438

■ FFF7FF

■ 000221

■ 000007

■ 000000

■ 6857B8

■ 6857B8

■ 5945B8

■ 7769B8

■ 4A32B8

■ 867CB8

■ 3A20B8

■ 968EB8

■ 2B0DB8

■ A5A1B8

■ 2000B8

■ B4B3B8

■ C3C5B8

■ D2D8B8

■ E1EAB8

■ F1FDB8

Harmonies

Analogous

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



006BC7



6857B8



A23E93

Triad

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



6857B8



9D5203



007B68

Complementary

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



6857B8



A7B857

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.



007836



6857B8



786500

Square

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



6857B8



B53B35



467100



007B98

Rectangle

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



6857B8



B43174



467100



007B57

Sweetspot

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



6857B8



D0C9F0



57A8B8



656178



F7F7F7



787878

Same Dimension

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



6857B8



7359F0



9857B8



54535C



1B009C



05001C

Inverse Universe

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



B857A7



F059D5



77B857



5C535A



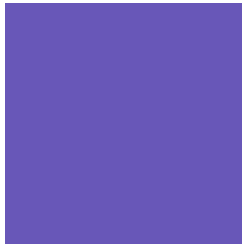
9C0080



1C0017

Previews

White Background



This preview shows how the Hex color 6857B8 looks on a white background.

Color Contrast Check

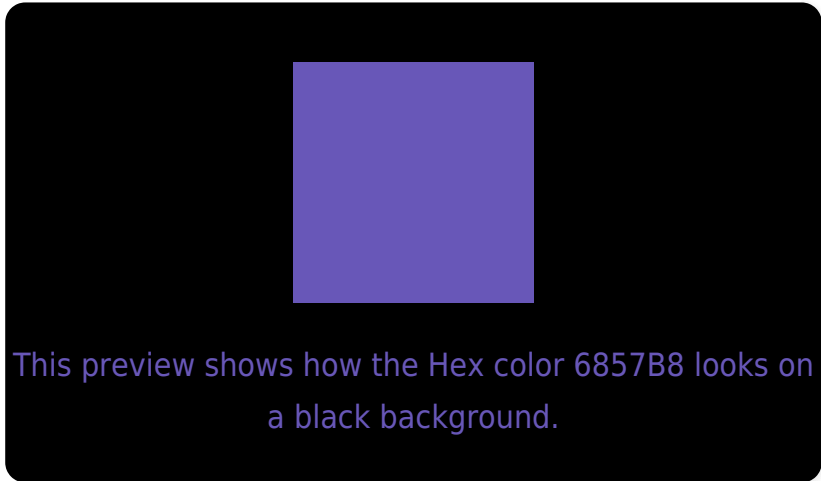
Large Text (above 18pt) WCAG AA ✓ Pass

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

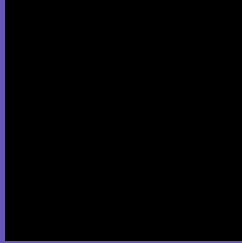
Any Text WCAG AA × Fail

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 6857B8 Background



This preview shows how black text looks on a background with the Hex color 6857B8.



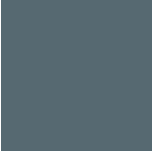
This preview shows how white text looks on a background with the Hex color 6857B8.

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
566971

Trichromacy



Original Color
6857B8

Protanomaly
425EC0

Deuteranomaly
3961B5

Tritanomaly
5D628B

Monochromacy



Original Color
6857B8

Achromatopsia
676767

Achromatomaly
676184

CSS Examples

Text

The CSS property to change the color of the text to Hex 6857B8 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 #6857B8 looks like.

```
.text, #text, p{  
    color:#6857B8  
}
```

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 #6857B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6857B8
}
```

Border

The CSS property to change the border of an element to Hex 6857B8 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
#6857B8 }
```

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

```
.border{ border-color:#6857B8 }
```

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

Here you see how a box with a 4 pixel #6857B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6857B8; -webkit-box-shadow:4px 4px  
4px 4px #6857B8; box-shadow:4px 4px 4px  
4px #6857B8 }
```

Background

The CSS property to change the background color of an element to Hex 6857B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6857B8 }
```

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

```
.background{ background-color:#6857B8 }
```

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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