

Converting Colors

Hex(6C8397)

Have a look what the booklet for
Hex(6C8397) contains.

Hex(6C8397)	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(6C8397)

Conversions

Conversions Part 1

Format	Color
Hex	6C8397
RGB	108, 131, 151
RGB Percent	42%, 51%, 59%
CMY	0.5765, 0.4863, 0.4078
CMYK	0.28, 0.13, 0.00, 0.41
HSL	208°, 17%, 51%
HSV	208°, 28%, 59%
XYZ	19.8866, 21.6551, 32.4099
YIQ	126.4030, -20.1280, 1.3440

Conversions

Conversions Part 2

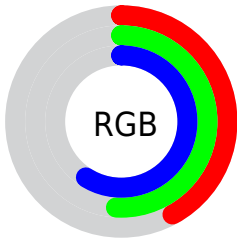
Format	Color
R_{YB}	108, 123, 151
Decimal	7111575
CIE _{Lab}	53.66, -3.42, -13.44
CIE _{LCh}	54, 13.865, 255.706
Yxy	21.6551, 0.2689, 0.2928
Android (android.graphics.Color)	4285301655 (0xFF6C8397)
YUV	126.4030, 12.1263, -16.1394
Hunter-Lab	46.5351, -5.1551, -8.7187

Details

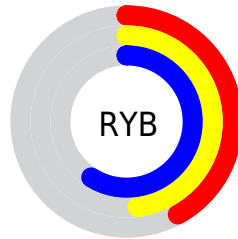
The Hex color **6C8397** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **97806C**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A0B8CD**, and **3B5264** is the 20% darker color. If you saturate the color by 10%, you get **5D7C97**, and if you desaturate by 10%, it is **7B8A97**.

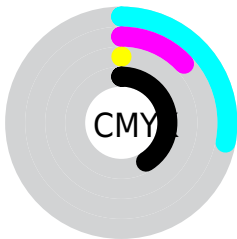
Distribution



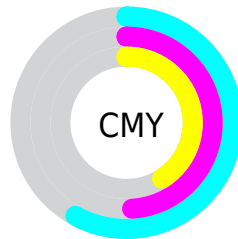
- Red (42%)
- Green (51%)
- Blue (59%)



- Red (42%)
- Yellow (48%)
- Blue (59%)



- Cyan (28%)
- Magenta (13%)
- Yellow (0%)
- Black (41%)



- Cyan (58%)
- Magenta (49%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C8397 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 6C8397 by changing the saturation by 10% instead.



6C8397



6C8397

FFFFFF



536A7D



A0B8CD



3B5264



BCD4E9



243B4C



D8F0FF



0B2535



F4FFFF



001020



000006



000000



6C8397



6C8397



5D7C97



7B8A97

■ 4E7597

■ 8A9197

■ 3F6E97

■ 999897

■ 306797

■ A89F97

■ 216097

■ B8A697

■ 115997

■ C7AD97

■ 025297

■ D6B497

■ 005197

■ E5BB97

■ F4C297

Harmonies

Analogous

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



628691



6C8397



7B7F97

Triad

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



6C8397



99787A



75856F

Complementary

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



6C8397



97806C

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.



838169



6C8397



977A70

Square

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



6C8397



957886



8F7D69



69877A

Rectangle

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



6C8397



857C94



8F7D69



7A846D

Sweetspot

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



6C8397



B3BCC4



6C977F



595E63



E3E3E3



636363

Same Dimension

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



6C8397



82A5C4



6C6E97



45494D



004B8C



00070D

Inverse Universe

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



976C83



C482A5



97956C



4D4549



8C004B



0D0007

Previews

White Background



This preview shows how the Hex color 6C8397 looks on a white background.

Color Contrast Check

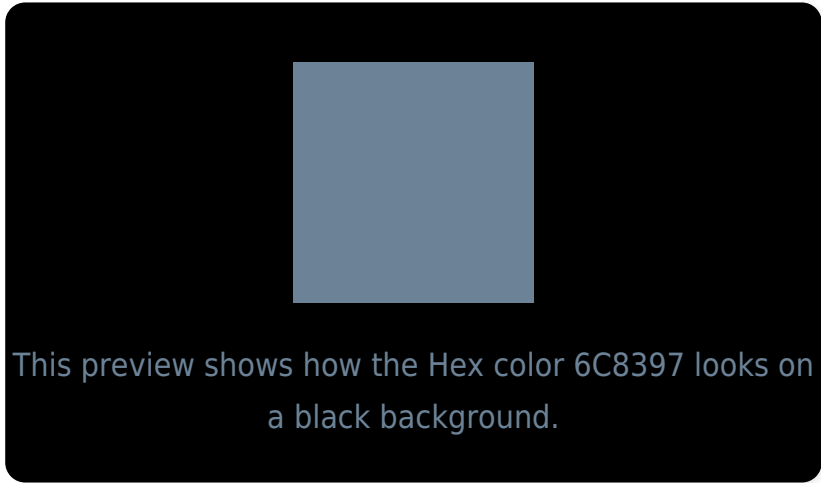
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

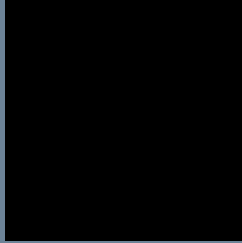
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

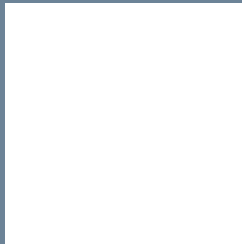
Any Text WCAG AAA × Fail

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

Hex 6C8397 Background



This preview shows how black text looks on a background with the Hex color 6C8397.

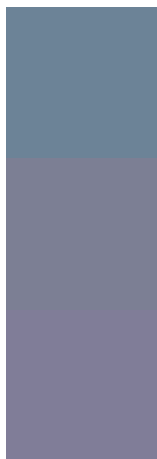


This preview shows how white text looks on a background with the Hex color 6C8397.

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
6C8397

Protanopia
7C7F94

Deuteranopia
807D98



Tritanopia
6A848F

Trichromacy



Original Color
6C8397

Protanomaly
768095

Deuteranomaly
797F98

Tritanomaly
6B8492

Monochromacy



Original Color
6C8397

Achromatopsia
7E7E7E

Achromatomaly
778087

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C8397 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 #6C8397 looks like.

```
.text, #text, p{  
    color:#6C8397  
}
```

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 #6C8397 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C8397
}
```

Border

The CSS property to change the border of an element to Hex 6C8397 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
#6C8397 }
```

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

```
.border{ border-color:#6C8397 }
```

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

Here you see how a box with a 4 pixel #6C8397 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C8397; -webkit-box-shadow:4px 4px  
4px 4px #6C8397; box-shadow:4px 4px 4px  
4px #6C8397 }
```

Background

The CSS property to change the background color of an element to Hex 6C8397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C8397 }
```

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

```
.background{ background-color:#6C8397 }
```

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