

Converting Colors

Hex(6C408C)

Have a look what the booklet for
Hex(6C408C) contains.

Hex(6C408C)	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(6C408C)

Conversions

Conversions Part 1

Format	Color
Hex	6C408C
RGB	108, 64, 140
RGB Percent	42%, 25%, 55%
CMY	0.5765, 0.7490, 0.4510
CMYK	0.23, 0.54, 0.00, 0.45
HSL	275°, 37%, 40%
HSV	275°, 54%, 55%
XYZ	12.7514, 8.7484, 25.8275
YIQ	85.8200, 1.8280, 32.9640

Conversions

Conversions Part 2

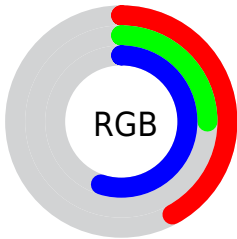
Format	Color
R _Y B	108, 64, 140
Decimal	7094412
CIE Lab	35.50, 34.00, -35.02
CIE LCh	35, 48.810, 314.153
Yxy	8.7484, 0.2694, 0.1848
Android (android.graphics.Color)	4285284492 (0xFF6C408C)
YUV	85.8200, 26.7107, 19.4519
Hunter-Lab	29.5777, 25.1930, -31.0682

Details

The Hex color **6C408C** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **608C40**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **A171C2**, and **391159** is the 20% darker color. If you saturate the color by 10%, you get **66328C**, and if you desaturate by 10%, it is **724E8C**.

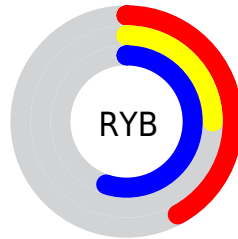
Distribution



Red (42%)

Green (25%)

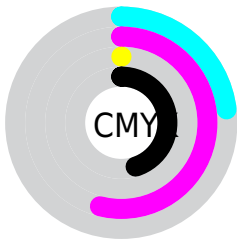
Blue (55%)



Red (42%)

Yellow (25%)

Blue (55%)

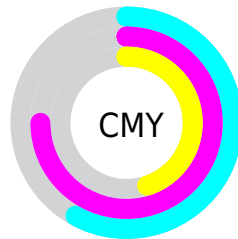


Cyan (23%)

Magenta (54%)

Yellow (0%)

Black (45%)



Cyan (58%)

Magenta (75%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C408C 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 6C408C by changing the saturation by 10% instead.

6C408C

6C408C

FFFFFF

522872

A171C2

391159

BD8BDE

210041

D9A6FB

01002B

F6C2FF

000115

FFDEFF

000000

FFFAFF

6C408C

6C408C

66328C

724E8C

■ 60248C

■ 785C8C

■ 5A168C

■ 7E6A8C

■ 54088C

■ 84788C

■ 51008C

■ 89868C

■ 8F948C

■ 95A28C

■ 9BB08C

■ A1BE8C

Harmonies

Analogous

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



1952A0



6C408C



8E2E6A

Triad

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



6C408C



764A00



006565

Complementary

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



6C408C



608C40

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.



00643D



6C408C



545700

Square

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



6C408C



8E381E



256015



006489

Rectangle

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



6C408C



982850



256015



006558

Sweetspot

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



6C408C



A998B5



40618C



544A5C



DBDBDB



5C5C5C

Same Dimension

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



6C408C



833FB5



8C4087



423E45



4D0085



030005

Inverse Universe

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



8C4060



B53F71



408C45



453E41



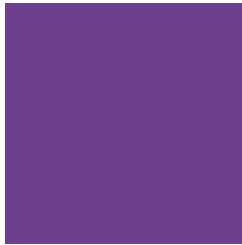
850038



050002

Previews

White Background



This preview shows how the Hex color 6C408C looks on a white background.

Color Contrast Check

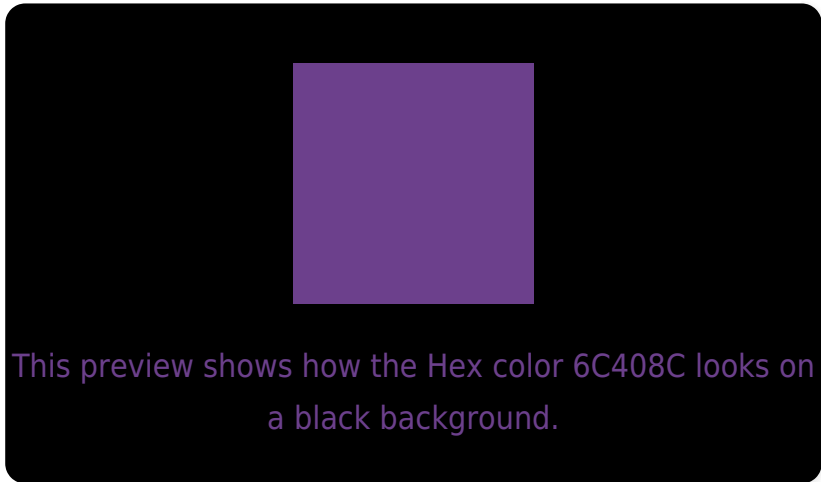
Large Text (above 18pt) WCAG AA ✓ Pass

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

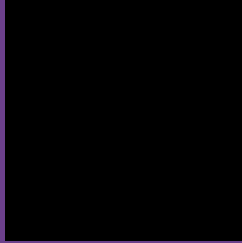
Any Text WCAG AA × Fail

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 6C408C Background



This preview shows how black text looks on a background with the Hex color 6C408C.

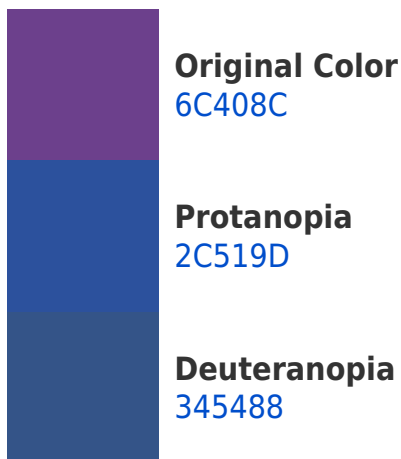



This preview shows how white text looks on a background with the Hex color 6C408C.

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](#).

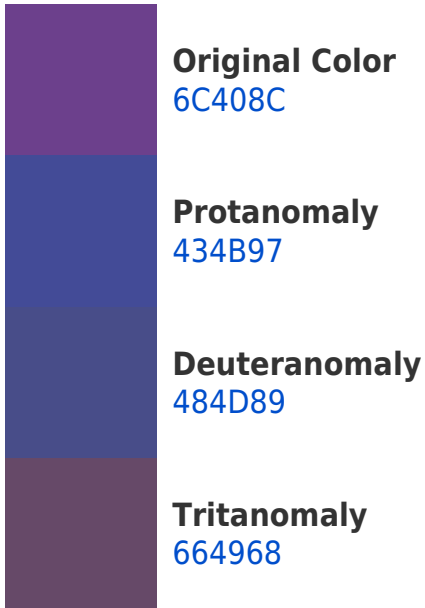
Dichromacy





Tritanopia
634E54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C408C 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 #6C408C looks like.

```
.text, #text, p{  
    color:#6C408C  
}
```

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 #6C408C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C408C
}
```

Border

The CSS property to change the border of an element to Hex 6C408C is called "border". The border property can be set on classes, ids or directly on the HTML element.

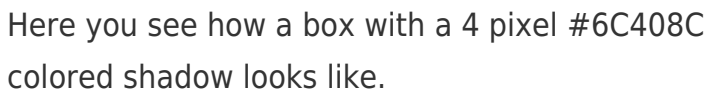
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C408C }
```

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

```
.border{ border-color:#6C408C }
```

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



Here you see how a box with a 4 pixel #6C408C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C408C; -webkit-box-shadow:4px 4px  
4px 4px #6C408C; box-shadow:4px 4px 4px  
4px #6C408C }
```

Background

The CSS property to change the background color of an element to Hex 6C408C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C408C }
```

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

```
.background{ background-color:#6C408C }
```

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