

Converting Colors

Hex(6938AC)

Have a look what the booklet for
Hex(6938AC) contains.

Hex(6938AC)	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(6938AC)

Conversions

Conversions Part 1

Format	Color
Hex	6938AC
RGB	105, 56, 172
RGB Percent	41%, 22%, 67%
CMY	0.5882, 0.7804, 0.3255
CMYK	0.39, 0.67, 0.00, 0.33
HSL	265°, 51%, 45%
HSV	265°, 67%, 67%
XYZ	14.6863, 8.8102, 39.9562
YIQ	83.8750, -8.0320, 46.4640

Conversions

Conversions Part 2

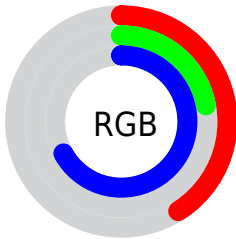
Format	Color
R_{YB}	105, 56, 172
Decimal	6895788
CIE _{Lab}	35.62, 45.82, -54.19
CIE _{LCh}	36, 70.968, 310.214
Yxy	8.8102, 0.2315, 0.1388
Android (android.graphics.Color)	4285085868 (0xFF6938AC)
YUV	83.8750, 43.4456, 18.5266
Hunter-Lab	29.6819, 36.3764, -59.0357

Details

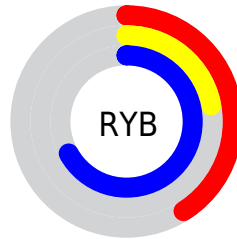
The Hex color **6938AC** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7BAC38**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A16AE4**, and **310277** is the 20% darker color. If you saturate the color by 10%, you get **5F27AC**, and if you desaturate by 10%, it is **7349AC**.

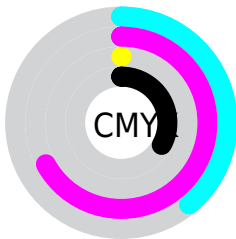
Distribution



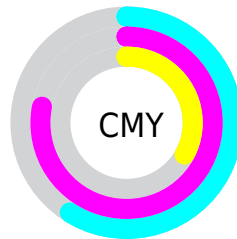
- Red (41%)
- Green (22%)
- Blue (67%)



- Red (41%)
- Yellow (22%)
- Blue (67%)



- Cyan (39%)
- Magenta (67%)
- Yellow (0%)
- Black (33%)



- Cyan (59%)
- Magenta (78%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6938AC 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 6938AC by changing the saturation by 10% instead.

6938AC

6938AC

FFFFFF

4D1F91

A16AE4

310277

BD84FF

0F005D

DA9FFF

000045

F8BBFF

00032D

FFD7FF

000118

FFF4FF

000000

6938AC

6938AC

5F27AC

7349AC

■ 5516AC

■ 7D5AAC

■ 4B04AC

■ 876CAC

■ 4900AC

■ 917DAC

■ 9B8EAC

■ A59FAC

■ AFB0AC

■ B8C2AC

■ C2D3AC

Harmonies

Analogous

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



0056C6



6938AC



A2007C

Triad

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



6938AC



854200



006A67

Complementary

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



6938AC



7BAC38

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.



00682A



6938AC



565800

Square

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



6938AC



A61908



006300



006A9D

Rectangle

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



6938AC



B10056



006300



006A53

Sweetspot

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



6938AC



C6B4E0



387CAC



615570



F0F0F0



707070

Same Dimension

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



6938AC



772BE0



A238AC



524E57



400096



0A0017

Inverse Universe

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



AC387B



E02B94



42AC38



574E53



960057



17000D

Previews

White Background



This preview shows how the Hex color 6938AC looks on a white background.

Color Contrast Check

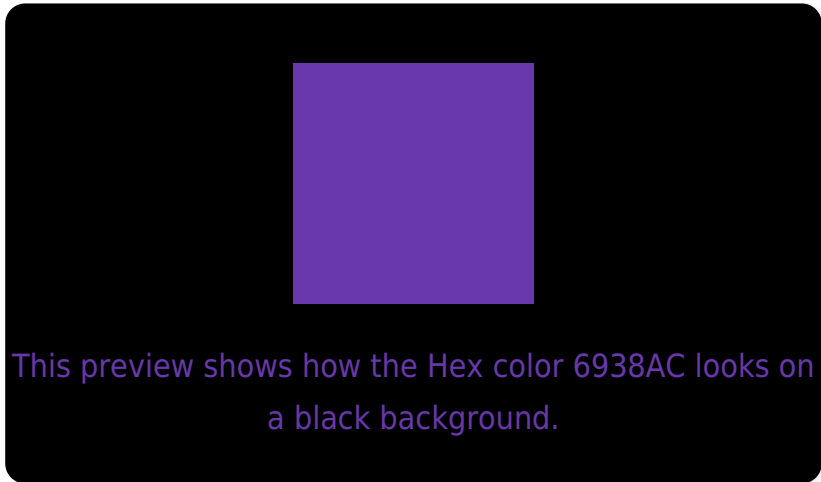
Large Text (above 18pt) WCAG AA ✓ Pass

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

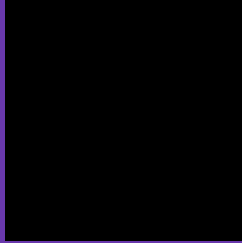
Any Text WCAG AA × Fail

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 6938AC Background



This preview shows how black text looks on a background with the Hex color 6938AC.

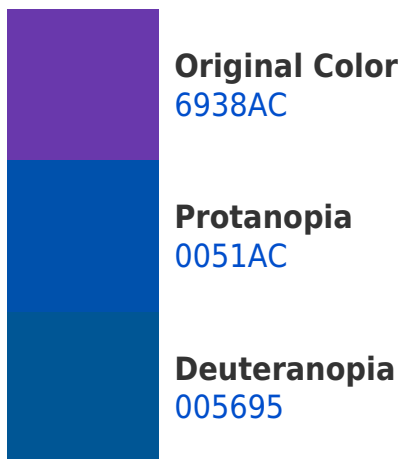


This preview shows how white text looks on a background with the Hex color 6938AC.

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](#).

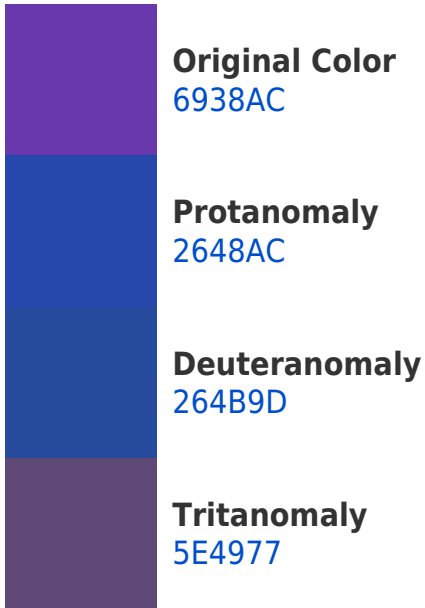
Dichromacy



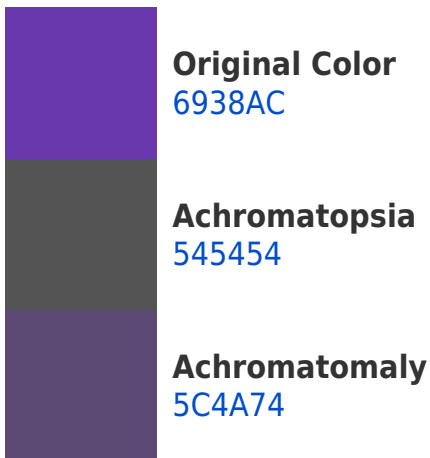


Tritanopia
575259

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6938AC 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 #6938AC looks like.

```
.text, #text, p{  
    color:#6938AC  
}
```

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 #6938AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6938AC
}
```

Border

The CSS property to change the border of an element to Hex 6938AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

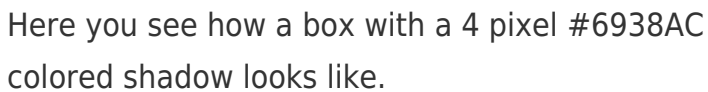
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6938AC }
```

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

```
.border{ border-color:#6938AC }
```

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



Here you see how a box with a 4 pixel #6938AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6938AC; -webkit-box-shadow:4px 4px  
4px 4px #6938AC; box-shadow:4px 4px 4px  
4px #6938AC }
```

Background

The CSS property to change the background color of an element to Hex 6938AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6938AC }
```

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

```
.background{ background-color:#6938AC }
```

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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