

Converting Colors

Hex(6F638E)

Have a look what the booklet for
Hex(6F638E) contains.

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Color

Hex(6F638E)

Conversions

Conversions Part 1

Format	Color
Hex	6F638E
RGB	111, 99, 142
RGB Percent	44%, 39%, 56%
CMY	0.5647, 0.6118, 0.4431
CMYK	0.22, 0.30, 0.00, 0.44
HSL	257°, 18%, 47%
HSV	257°, 30%, 56%
XYZ	15.8999, 14.2562, 27.5049
YIQ	107.4900, -6.6510, 15.9170

Conversions

Conversions Part 2

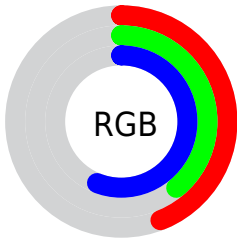
Format	Color
R_{YB}	111, 99, 142
Decimal	7299982
CIE _{Lab}	44.60, 14.30, -21.95
CIE _{LCh}	45, 26.197, 303.087
Yxy	14.2562, 0.2757, 0.2472
Android (android.graphics.Color)	4285490062 (0xFF6F638E)
YUV	107.4900, 17.0134, 3.0783
Hunter-Lab	37.7574, 9.0921, -16.7605

Details

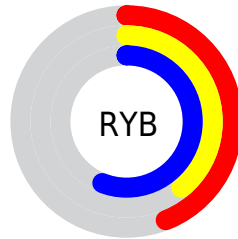
The Hex color **6F638E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **828E63**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **A396C4**, and **3E345C** is the 20% darker color. If you saturate the color by 10%, you get **65558E**, and if you desaturate by 10%, it is **79718E**.

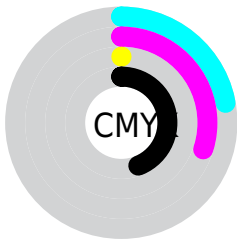
Distribution



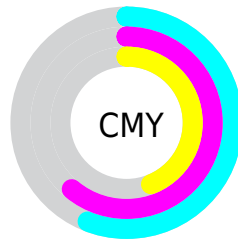
- Red (44%)
- Green (39%)
- Blue (56%)



- Red (44%)
- Yellow (39%)
- Blue (56%)



- Cyan (22%)
- Magenta (30%)
- Yellow (0%)
- Black (44%)



- Cyan (56%)
- Magenta (61%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F638E 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 6F638E by changing the saturation by 10% instead.

6F638E

6F638E

FFFFFF

564B74

A396C4

3E345C

BFB0E0

271F44

DBCCFD

13082D

F7E8FF

000118

000000

6F638E

6F638E

65558E

79718E

5B478E

837F8E

50388E

8E8E8E

462A8E

989C8E

3C1C8E

A2AA8E

320E8E

ACB88E

28008E

B7C68E

C1D58E

CBE38E

Harmonies

Analogous

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



4E6B95



6F638E



875C7E

Triad

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



6F638E



886143



27756B

Complementary

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



6F638E



828E63

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.



447355



6F638E



76693E

Square

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



6F638E



935B53



5F6F44



0E7481

Rectangle

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



6F638E



90596F



5F6F44



317563

Sweetspot

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



6F638E



ACA7B8



63838E



55525C



DBDBDB



5C5C5C

Same Dimension

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



6F638E



8876B8



84638E



424047



260087



020008

Inverse Universe

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



8E6382



B876A5



6D8E63



474045



870061



080006

Previews

White Background



This preview shows how the Hex color 6F638E looks on a white background.

Color Contrast Check

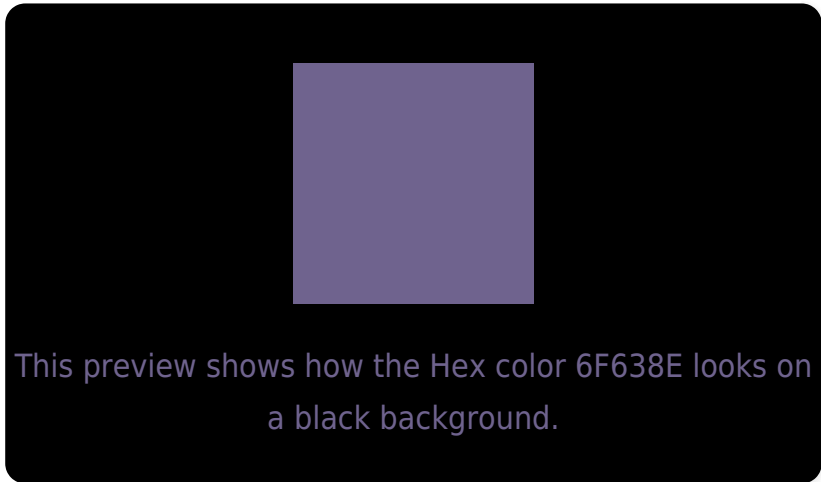
Large Text (above 18pt) WCAG AA ✓ Pass

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

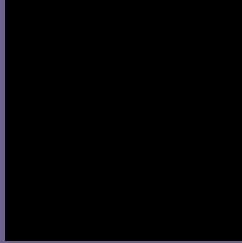
Any Text WCAG AA × Fail

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 6F638E Background



This preview shows how black text looks on a background with the Hex color 6F638E.

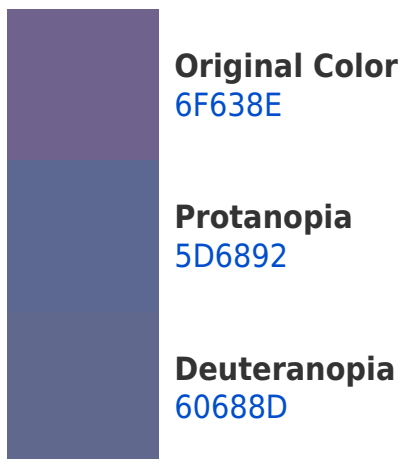



This preview shows how white text looks on a background with the Hex color 6F638E.

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
6A6971

Trichromacy



Original Color
6F638E

Protanomaly
646691

Deuteranomaly
65668D

Tritanomaly
6C677C

Monochromacy



Original Color
6F638E

Achromatopsia
6B6B6B

Achromatomaly
6C6878

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F638E 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 #6F638E looks like.

```
.text, #text, p{  
    color:#6F638E  
}
```

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 #6F638E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F638E
}
```

Border

The CSS property to change the border of an element to Hex 6F638E 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
#6F638E }
```

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

```
.border{ border-color:#6F638E }
```

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

Here you see how a box with a 4 pixel #6F638E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F638E; -webkit-box-shadow:4px 4px  
4px 4px #6F638E; box-shadow:4px 4px 4px  
4px #6F638E }
```

Background

The CSS property to change the background color of an element to Hex 6F638E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F638E }
```

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

```
.background{ background-color:#6F638E }
```

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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