

Converting Colors

Hex(6D638A)

Have a look what the booklet for
Hex(6D638A) contains.

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Color

Hex(6D638A)

Conversions

Conversions Part 1

Format	Color
Hex	6D638A
RGB	109, 99, 138
RGB Percent	43%, 39%, 54%
CMY	0.5725, 0.6118, 0.4588
CMYK	0.21, 0.28, 0.00, 0.46
HSL	255°, 16%, 46%
HSV	255°, 28%, 54%
XYZ	15.3560, 14.0099, 25.9396
YIQ	106.4360, -6.5590, 14.2490

Conversions

Conversions Part 2

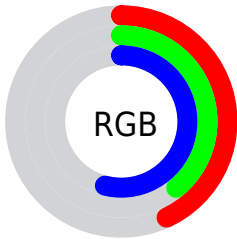
Format	Color
R_{YB}	109, 99, 138
Decimal	7168906
CIE _{Lab}	44.25, 12.64, -20.11
CIE _{LCh}	44, 23.750, 302.145
Yxy	14.0099, 0.2777, 0.2533
Android (android.graphics.Color)	4285358986 (0xFF6D638A)
YUV	106.4360, 15.5611, 2.2486
Hunter-Lab	37.4298, 7.7295, -14.8883

Details

The Hex color **6D638A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **808A63**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A196C0**, and **3D3458** is the 20% darker color. If you saturate the color by 10%, you get **63558A**, and if you desaturate by 10%, it is **77718A**.

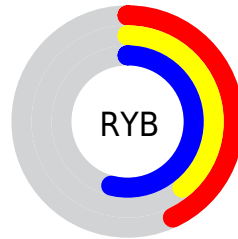
Distribution



Red (43%)

Green (39%)

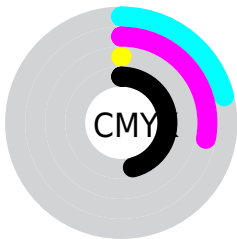
Blue (54%)



Red (43%)

Yellow (39%)

Blue (54%)

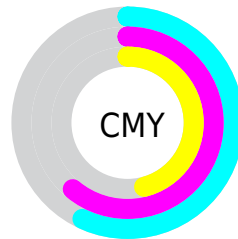


Cyan (21%)

Magenta (28%)

Yellow (0%)

Black (46%)



Cyan (57%)

Magenta (61%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D638A 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 6D638A by changing the saturation by 10% instead.

■ 6D638A

■ 6D638A

FFFFFF

■ 544B70

■ A196C0

■ 3D3458

■ BCB0DB

■ 261F40

■ D8CCF8

■ 12082A

■ F5E8FF

■ 000115

■ 000000

■ 6D638A

■ 6D638A

■ 63558A

■ 77718A

■ 58478A

■ 827F8A

■ 4E3A8A

■ 8C8C8A

■ 442C8A

■ 969A8A

■ 3A1E8A

■ A0A88A

■ 2F108A

■ ABB68A

■ 25028A

■ B5C48A

■ 23008A

■ BFD18A

■ C9DF8A

Harmonies

Analogous

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



506A90



6D638A



835D7B

Triad

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



6D638A



856146



317369

Complementary

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



6D638A



808A63

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.



487256



6D638A



756841

Square

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



6D638A



8F5B55



606E47



22737D

Rectangle

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



6D638A



8C5A6F



606E47



387363

Sweetspot

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



6D638A



A8A4B3



63808A



535059



D9D9D9



595959

Same Dimension

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



6D638A



8576B3



80638A



403E45



220085



010005

Inverse Universe

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



8A6380



B376A3



6D8A63



453E43



850063



050004

Previews

White Background



This preview shows how the Hex color 6D638A looks on a white background.

Color Contrast Check

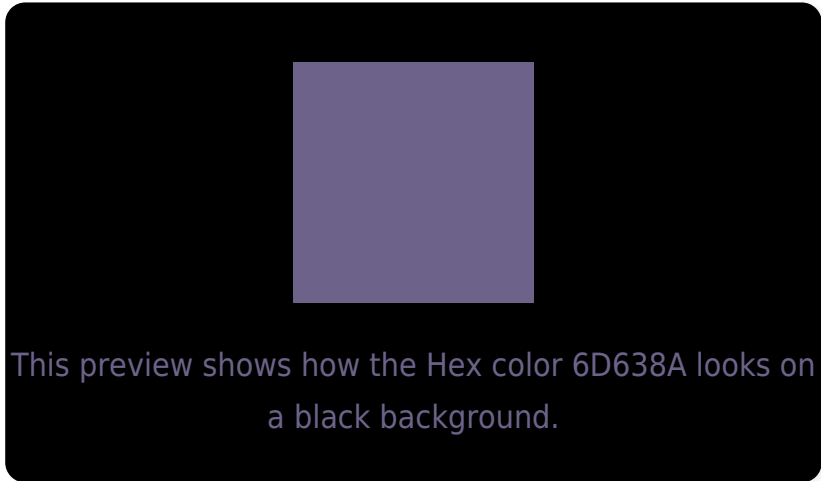
Large Text (above 18pt) WCAG AA ✓ Pass

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

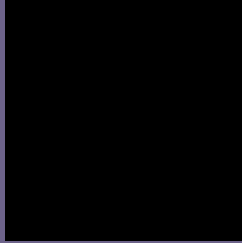
Any Text WCAG AA × Fail

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 6D638A Background



This preview shows how black text looks on a background with the Hex color 6D638A.



This preview shows how white text looks on a background with the Hex color 6D638A.

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
6D638A

Protanopia
5E678D

Deuteranopia
616789



Tritanopia
686870

Trichromacy



Original Color
6D638A

Protanomaly
63668C

Deuteranomaly
656689

Tritanomaly
6A6679

Monochromacy



Original Color
6D638A

Achromatopsia
6A6A6A

Achromatomaly
6B6776

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D638A 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 #6D638A looks like.

```
.text, #text, p{  
    color:#6D638A  
}
```

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 #6D638A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D638A
}
```

Border

The CSS property to change the border of an element to Hex 6D638A 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".

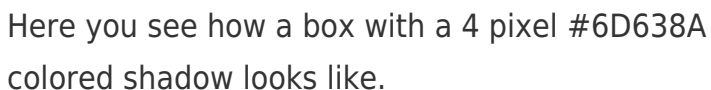
```
.border, #border, table{ border:4px solid
#6D638A }
```

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

```
.border{ border-color:#6D638A }
```

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

Here you see how a box with a 4 pixel #6D638A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D638A; -webkit-box-shadow:4px 4px  
4px 4px #6D638A; box-shadow:4px 4px 4px  
4px #6D638A }
```

Background

The CSS property to change the background color of an element to Hex 6D638A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D638A }
```

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

```
.background{ background-color:#6D638A }
```

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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