

Converting Colors

Hex(6A688F)

Have a look what the booklet for
Hex(6A688F) contains.

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Color

Hex(6A688F)

Conversions

Conversions Part 1

Format	Color
Hex	6A688F
RGB	106, 104, 143
RGB Percent	42%, 41%, 56%
CMY	0.5843, 0.5922, 0.4392
CMYK	0.26, 0.27, 0.00, 0.44
HSL	243°, 16%, 48%
HSV	243°, 27%, 56%
XYZ	15.8521, 14.9480, 28.0364
YIQ	109.0440, -11.3270, 12.5530

Conversions

Conversions Part 2

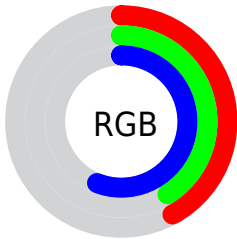
Format	Color
RYB	106, 104, 143
Decimal	6973583
CIELab	45.56, 9.87, -21.10
CIELCh	46, 23.289, 295.067
Yxy	14.9480, 0.2694, 0.2541
Android (android.graphics.Color)	4285163663 (0xFF6A688F)
YUV	109.0440, 16.7403, -2.6696
Hunter-Lab	38.6626, 5.5274, -15.9306

Details

The Hex color **6A688F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8D8F68**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9E9BC5**, and **39395D** is the 20% darker color. If you saturate the color by 10%, you get **5C5A8F**, and if you desaturate by 10%, it is **78768F**.

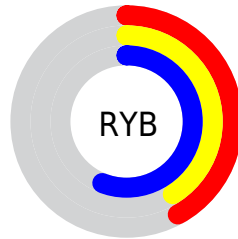
Distribution



Red (42%)

Green (41%)

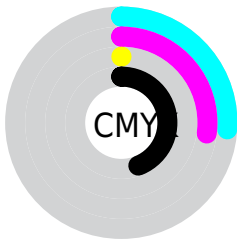
Blue (56%)



Red (42%)

Yellow (41%)

Blue (56%)

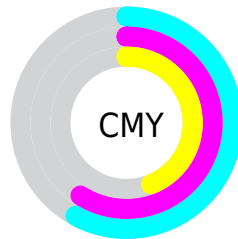


Cyan (26%)

Magenta (27%)

Yellow (0%)

Black (44%)



Cyan (58%)

Magenta (59%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A688F 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 6A688F by changing the saturation by 10% instead.

■ 6A688F

■ 6A688F

FFFFFF

■ 515075

■ 9E9BC5

■ 39395D

■ B9B6E1

■ 222445

■ D5D1FE

■ 0D0F2E

■ F2EEFF

■ 000119

■ 000000

■ 6A688F

■ 6A688F

■ 5C5A8F

■ 78768F

■ 4F4B8F

■ 85858F

413D8F

93938F

342F8F

A0A18F

26208F

AEB08F

19128F

BBBE8F

0B048F

C9CC8F

07008F

D7DA8F

E4E98F

Harmonies

Analogous

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



4D6F92



6A688F



826182

Triad

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



6A688F



8B634D



3B7668

Complementary

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



6A688F



8D8F68

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.



527455



6A688F



7C6A45

Square

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



6A688F



925E5C



687048



2A767C

Rectangle

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



6A688F



8C5E76



687048



427661

Sweetspot

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



6A688F



ACABBA



688D8F



55555E



DEDEDE



5E5E5E

Same Dimension

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



6A688F



807DBA



7D688F



414047



070087



000008

Inverse Universe

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



8F688D



BA7DB7



7A8F68



474047



870080



080007

Previews

White Background



This preview shows how the Hex color 6A688F looks on a white background.

Color Contrast Check

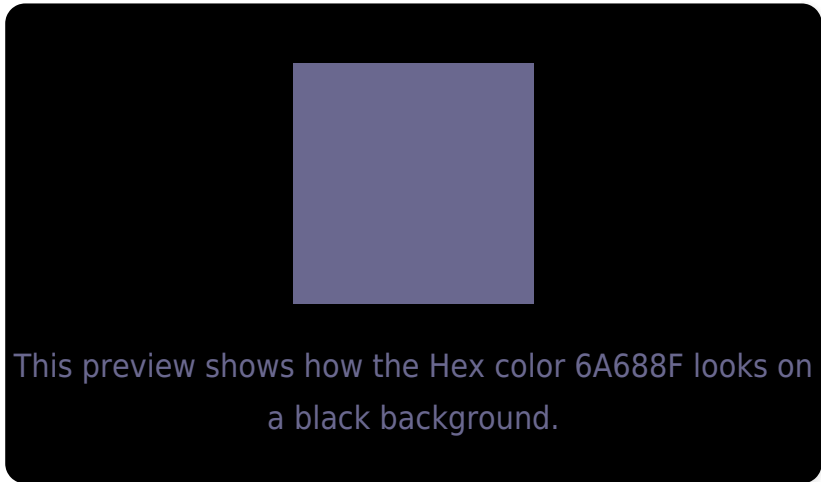
Large Text (above 18pt) WCAG AA ✓ Pass

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

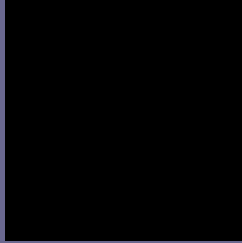
Any Text WCAG AA × Fail

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 6A688F Background



This preview shows how black text looks on a background with the Hex color 6A688F.



This preview shows how white text looks on a background with the Hex color 6A688F.

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](#).

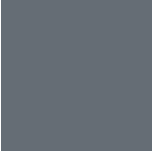
Dichromacy



Original Color
6A688F

Protanopia
616A91

Deuteranopia
636A8F



Tritanopia
656D75

Trichromacy



Original Color
6A688F

Protanomaly
646990

Deuteranomaly
66698F

Tritanomaly
676B7E

Monochromacy



Original Color
6A688F

Achromatopsia
6D6D6D

Achromatomaly
6C6B79

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A688F 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 #6A688F looks like.

```
.text, #text, p{  
    color:#6A688F  
}
```

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 #6A688F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A688F
}
```

Border

The CSS property to change the border of an element to Hex 6A688F is called "border". The border property can be set on classes, ids or directly on the HTML element.

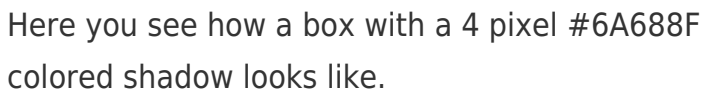
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A688F }
```

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

```
.border{ border-color:#6A688F }
```

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



Here you see how a box with a 4 pixel #6A688F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A688F; -webkit-box-shadow:4px 4px  
4px 4px #6A688F; box-shadow:4px 4px 4px  
4px #6A688F }
```

Background

The CSS property to change the background color of an element to Hex 6A688F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A688F }
```

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

```
.background{ background-color:#6A688F }
```

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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