

Converting Colors

Hex(6B488F)

Have a look what the booklet for
Hex(6B488F) contains.

Hex(6B488F)	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(6B488F)

Conversions

Conversions Part 1

Format	Color
Hex	6B488F
RGB	107, 72, 143
RGB Percent	42%, 28%, 56%
CMY	0.5804, 0.7176, 0.4392
CMYK	0.25, 0.50, 0.00, 0.44
HSL	270°, 33%, 42%
HSV	270°, 50%, 56%
XYZ	13.3387, 9.7437, 27.1643
YIQ	90.5590, -1.9310, 29.5010

Conversions

Conversions Part 2

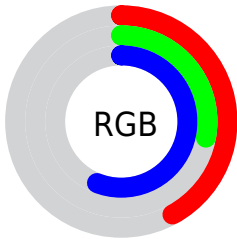
Format	Color
R_{YB}	107, 72, 143
Decimal	7030927
CIE _{Lab}	37.38, 29.75, -33.87
CIE _{LCh}	37, 45.085, 311.296
Yxy	9.7437, 0.2655, 0.1939
Android (android.graphics.Color)	4285221007 (0xFF6B488F)
YUV	90.5590, 25.8534, 14.4188
Hunter-Lab	31.2149, 21.6502, -29.7458

Details

The Hex color **6B488F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **6C8F48**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **A079C5**, and **391A5C** is the 20% darker color. If you saturate the color by 10%, you get **643A8F**, and if you desaturate by 10%, it is **72568F**.

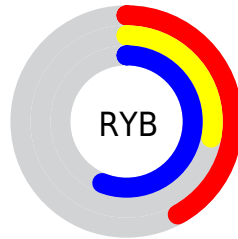
Distribution



Red (42%)

Green (28%)

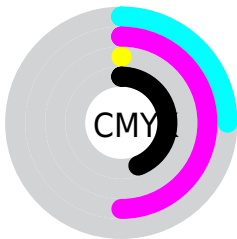
Blue (56%)



Red (42%)

Yellow (28%)

Blue (56%)

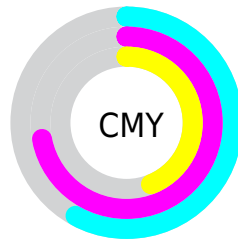


Cyan (25%)

Magenta (50%)

Yellow (0%)

Black (44%)



Cyan (58%)

Magenta (72%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B488F 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 6B488F by changing the saturation by 10% instead.

6B488F

6B488F

FFFFFF

523175

A079C5

391A5C

BC94E1

200444

D8AEFE

07002E

F5CAFF

000118

FFE6FF

000000

6B488F

6B488F

643A8F

72568F

5C2B8F

7A658F

■ 551D8F

■ 81738F

■ 4E0F8F

■ 88818F

■ 47008F

■ 8F908F

■ 46008F

■ 979E8F

■ 9EAC8F

■ A5BA8F

■ ACC98F

Harmonies

Analogous

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



2058A0



6B488F



8E3870

Triad

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



6B488F



7C4E0C



006965

Complementary

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



6B488F



6C8F48

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.



00673F



6B488F



5D5B01

Square

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



6B488F



923E2A



34631C



006887

Rectangle

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



6B488F



983358



34631C



006958

Sweetspot

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



6B488F



AC9EBA



486D8F



564D5E



DEDEDE



5E5E5E

Same Dimension

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



6B488F



824ABA



8E488F



444047



430087



040008

Inverse Universe

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



8F486C



BA4A83



498F48



474044



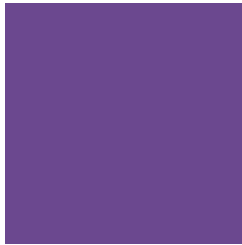
870045



080004

Previews

White Background



This preview shows how the Hex color 6B488F looks on a white background.

Color Contrast Check

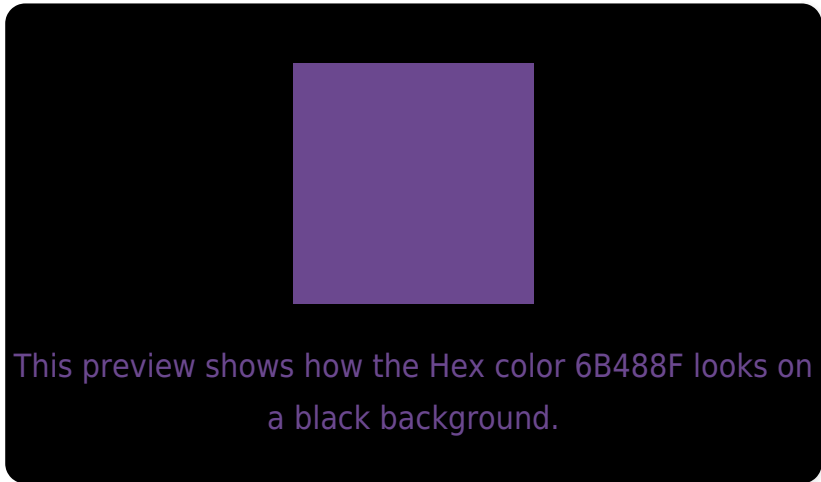
Large Text (above 18pt) WCAG AA ✓ Pass

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

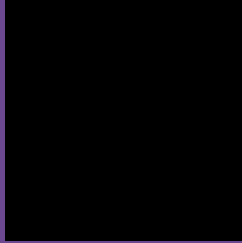
Any Text WCAG AA × Fail

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 6B488F Background



This preview shows how black text looks on a background with the Hex color 6B488F.



This preview shows how white text looks on a background with the Hex color 6B488F.

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
6B488F

Protanopia
38569C

Deuteranopia
3C588C



Tritanopia
62545B

Trichromacy



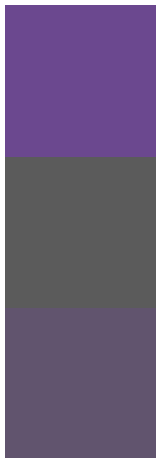
Original Color
6B488F

Protanomaly
4B5197

Deuteranomaly
4D528D

Tritanomaly
65506E

Monochromacy



Original Color
6B488F

Achromatopsia
5B5B5B

Achromatomaly
61546E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B488F 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 #6B488F looks like.

```
.text, #text, p{  
    color:#6B488F  
}
```

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 #6B488F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B488F
}
```

Border

The CSS property to change the border of an element to Hex 6B488F is called "border". The border property can be set on classes, ids or directly on the HTML element.

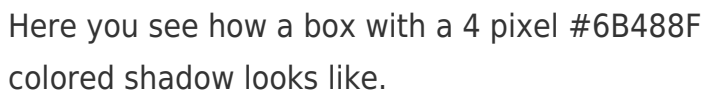
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B488F }
```

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

```
.border{ border-color:#6B488F }
```

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



Here you see how a box with a 4 pixel #6B488F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B488F; -webkit-box-shadow:4px 4px  
4px 4px #6B488F; box-shadow:4px 4px 4px  
4px #6B488F }
```

Background

The CSS property to change the background color of an element to Hex 6B488F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B488F }
```

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

```
.background{ background-color:#6B488F }
```

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