

Converting Colors

Hex(6B5A8A)

Have a look what the booklet for
Hex(6B5A8A) contains.

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Color

Hex(6B5A8A)

Conversions

Conversions Part 1

Format	Color
Hex	6B5A8A
RGB	107, 90, 138
RGB Percent	42%, 35%, 54%
CMY	0.5804, 0.6471, 0.4588
CMYK	0.22, 0.35, 0.00, 0.46
HSL	261°, 21%, 45%
HSV	261°, 35%, 54%
XYZ	14.3070, 12.2731, 25.6596
YIQ	100.5550, -5.2760, 18.5320

Conversions

Conversions Part 2

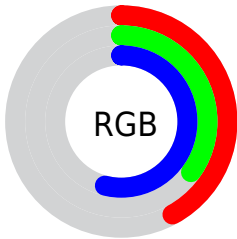
Format	Color
R_{YB}	107, 90, 138
Decimal	7035530
CIE _{Lab}	41.65, 17.50, -24.14
CIE _{LCh}	42, 29.818, 305.929
Yxy	12.2731, 0.2739, 0.2349
Android (android.graphics.Color)	4285225610 (0xFF6B5A8A)
YUV	100.5550, 18.4604, 5.6523
Hunter-Lab	35.0330, 11.5893, -18.9034

Details

The Hex color **6B5A8A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **798A5A**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **9F8CC0**, and **3A2C58** is the 20% darker color. If you saturate the color by 10%, you get **624C8A**, and if you desaturate by 10%, it is **74688A**.

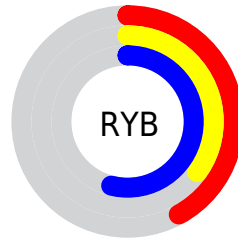
Distribution



Red (42%)

Green (35%)

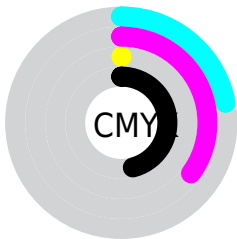
Blue (54%)



Red (42%)

Yellow (35%)

Blue (54%)

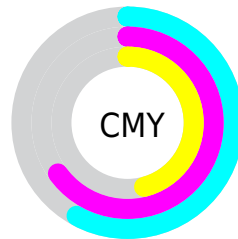


Cyan (22%)

Magenta (35%)

Yellow (0%)

Black (46%)



Cyan (58%)

Magenta (65%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B5A8A 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 6B5A8A by changing the saturation by 10% instead.

6B5A8A

6B5A8A

FFFFFF

524270

9F8CC0

3A2C58

BAA7DC

231740

D6C2F8

11002A

F3DEFF

000114

FFFAFF

000000

6B5A8A

6B5A8A

624C8A

74688A

593E8A

7D768A

50318A

86838A

47238A

8F918A

3E158A

989F8A

36078A

A0AD8A

31008A

A9BB8A

B2C88A

BBD68A

Harmonies

Analogous

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



446393



6B5A8A



855277

Triad

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



6B5A8A



825A36



006F66

Complementary

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



6B5A8A



798A5A

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.



336D4D



6B5A8A



6D6230

Square

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



6B5A8A



8F5247



536939



006E7E

Rectangle

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



6B5A8A



8E4F67



536939



146F5E

Sweetspot

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



6B5A8A



A7A1B3



5A798A



524F59



D9D9D9



595959

Same Dimension

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



6B5A8A



8268B3



835A8A



403E45



2F0085



020005

Inverse Universe

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



8A5A79



B36898



618A5A



453E42



850056



050003

Previews

White Background



This preview shows how the Hex color 6B5A8A looks on a white background.

Color Contrast Check

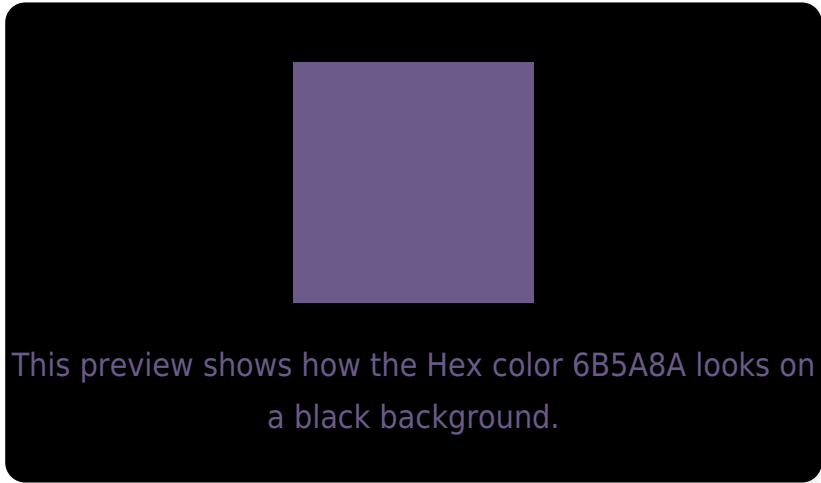
Large Text (above 18pt) WCAG AA ✓ Pass

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

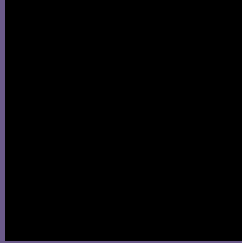
Any Text WCAG AA × Fail

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 6B5A8A Background



This preview shows how black text looks on a background with the Hex color 6B5A8A.

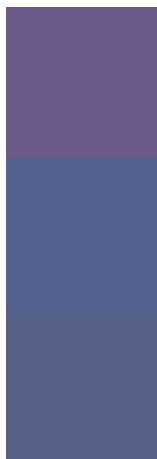


This preview shows how white text looks on a background with the Hex color 6B5A8A.

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
6B5A8A

Protanopia
53618F

Deuteranopia
566189



Tritanopia
656168

Trichromacy



Original Color
6B5A8A

Protanomaly
5C5E8D

Deuteranomaly
5E5E89

Tritanomaly
675E74

Monochromacy



Original Color
6B5A8A

Achromatopsia
656565

Achromatomaly
676172

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B5A8A 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 #6B5A8A looks like.

```
.text, #text, p{  
    color:#6B5A8A  
}
```

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 #6B5A8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B5A8A
}
```

Border

The CSS property to change the border of an element to Hex 6B5A8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

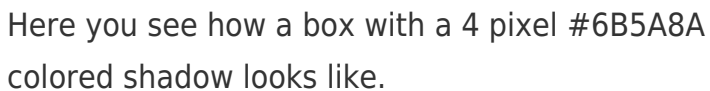
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B5A8A }
```

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

```
.border{ border-color:#6B5A8A }
```

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



Here you see how a box with a 4 pixel #6B5A8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B5A8A; -webkit-box-shadow:4px 4px  
4px 4px #6B5A8A; box-shadow:4px 4px 4px  
4px #6B5A8A }
```

Background

The CSS property to change the background color of an element to Hex 6B5A8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B5A8A }
```

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

```
.background{ background-color:#6B5A8A }
```

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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