

Converting Colors

Hex(6A5B8A)

Have a look what the booklet for
Hex(6A5B8A) contains.

Hex(6A5B8A)	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(6A5B8A)

Conversions

Conversions Part 1

Format	Color
Hex	6A5B8A
RGB	106, 91, 138
RGB Percent	42%, 36%, 54%
CMY	0.5843, 0.6431, 0.4588
CMYK	0.23, 0.34, 0.00, 0.46
HSL	259°, 21%, 45%
HSV	259°, 34%, 54%
XYZ	14.2724, 12.3813, 25.6824
YIQ	100.8430, -6.1470, 17.7970

Conversions

Conversions Part 2

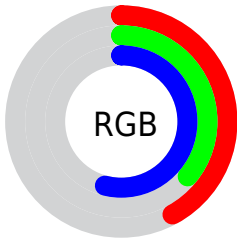
Format	Color
R_{YB}	106, 91, 138
Decimal	6970250
CIE Lab	41.82, 16.55, -23.89
CIE LCh	42, 29.065, 304.719
Yxy	12.3813, 0.2727, 0.2366
Android (android.graphics.Color)	4285160330 (0xFF6A5B8A)
YUV	100.8430, 18.3184, 4.5227
Hunter-Lab	35.1871, 10.8247, -18.6436

Details

The Hex color **6A5B8A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7B8A5B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9E8DC0**, and **392D58** is the 20% darker color. If you saturate the color by 10%, you get **614D8A**, and if you desaturate by 10%, it is **73698A**.

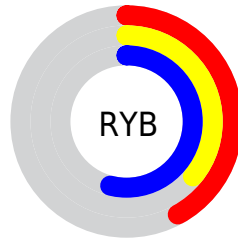
Distribution



Red (42%)

Green (36%)

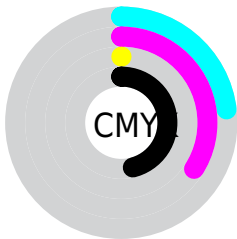
Blue (54%)



Red (42%)

Yellow (36%)

Blue (54%)

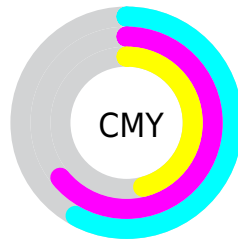


Cyan (23%)

Magenta (34%)

Yellow (0%)

Black (46%)



Cyan (58%)

Magenta (64%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A5B8A 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 6A5B8A by changing the saturation by 10% instead.

■ 6A5B8A

■ 6A5B8A

FFFFFF

■ 514370

■ 9E8DC0

■ 392D58

■ B9A8DC

■ 221840

■ D5C3F8

■ 10002A

■ F2DFFF

■ 000114

■ FFFCFF

■ 000000

■ 6A5B8A

■ 6A5B8A

■ 614D8A

■ 73698A

■ 573F8A

■ 7D778A

4E328A

86848A

44248A

90928A

3B168A

99A08A

32088A

A2AE8A

2C008A

ACBC8A

B5C98A

BFD78A

Harmonies

Analogous

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



446492



6A5B8A



845378

Triad

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



6A5B8A



825A38



026F66

Complementary

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



6A5B8A



7B8A5B

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.



376D4D



6A5B8A



6E6332

Square

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



6A5B8A



8E5349



55693A



006E7D

Rectangle

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



6A5B8A



8D5068



55693A



1B6F5D

Sweetspot

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



6A5B8A



A6A1B3



5B7B8A



524F59



D9D9D9



595959

Same Dimension

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



6A5B8A



8169B3



815B8A



403E45



2A0085



020005

Inverse Universe

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



8A5B7B



B3699B



648A5B



453E43



85005A



050003

Previews

White Background



This preview shows how the Hex color 6A5B8A looks on a white background.

Color Contrast Check

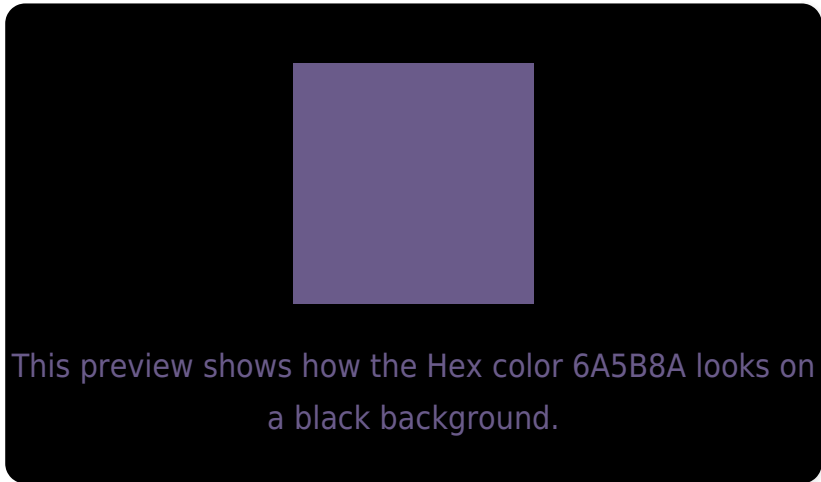
Large Text (above 18pt) WCAG AA ✓ Pass

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

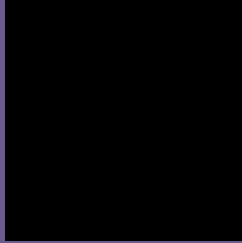
Any Text WCAG AA × Fail

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 6A5B8A Background



This preview shows how black text looks on a background with the Hex color 6A5B8A.



This preview shows how white text looks on a background with the Hex color 6A5B8A.

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
6A5B8A

Protanopia
54618F

Deuteranopia
566289



Tritanopia
646269

Trichromacy



Original Color
6A5B8A

Protanomaly
5C5F8D

Deuteranomaly
5D5F89

Tritanomaly
665F75

Monochromacy



Original Color
6A5B8A

Achromatopsia
656565

Achromatomaly
676172

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A5B8A 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 #6A5B8A looks like.

```
.text, #text, p{  
    color:#6A5B8A  
}
```

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 #6A5B8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A5B8A
}
```

Border

The CSS property to change the border of an element to Hex 6A5B8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

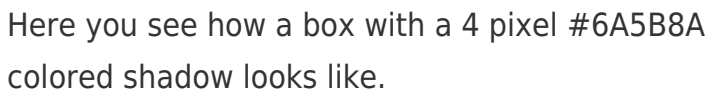
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A5B8A }
```

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

```
.border{ border-color:#6A5B8A }
```

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



Here you see how a box with a 4 pixel #6A5B8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A5B8A; -webkit-box-shadow:4px 4px  
4px 4px #6A5B8A; box-shadow:4px 4px 4px  
4px #6A5B8A }
```

Background

The CSS property to change the background color of an element to Hex 6A5B8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A5B8A }
```

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

```
.background{ background-color:#6A5B8A }
```

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