

Converting Colors

Hex(5A448F)

Have a look what the booklet for
Hex(5A448F) contains.

Hex(5A448F)	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(5A448F)

Conversions

Conversions Part 1

Format	Color
Hex	5A448F
RGB	90, 68, 143
RGB Percent	35%, 27%, 56%
CMY	0.6471, 0.7333, 0.4392
CMYK	0.37, 0.52, 0.00, 0.44
HSL	258°, 36%, 41%
HSV	258°, 52%, 56%
XYZ	11.2415, 8.2911, 26.9944
YIQ	83.1280, -10.9630, 27.9890

Conversions

Conversions Part 2

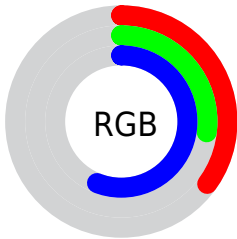
Format	Color
R_{YB}	90, 68, 143
Decimal	5915791
CIE _{Lab}	34.58, 27.41, -38.43
CIE _{LCh}	35, 47.203, 305.494
Yxy	8.2911, 0.2416, 0.1782
Android (android.graphics.Color)	4284105871 (0xFF5A448F)
YUV	83.1280, 29.5169, 6.0267
Hunter-Lab	28.7942, 19.2979, -35.4281

Details

The Hex color **5A448F** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **798F44**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **8F75C5**, and **27185C** is the 20% darker color. If you saturate the color by 10%, you get **50368F**, and if you desaturate by 10%, it is **64528F**.

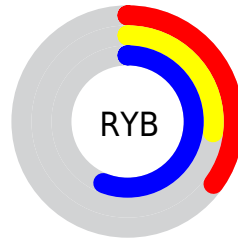
Distribution



Red (35%)

Green (27%)

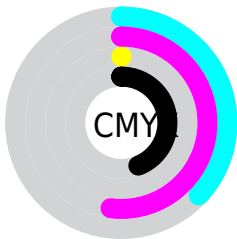
Blue (56%)



Red (35%)

Yellow (27%)

Blue (56%)

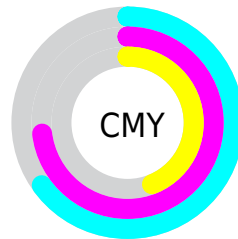


Cyan (37%)

Magenta (52%)

Yellow (0%)

Black (44%)



Cyan (65%)

Magenta (73%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A448F 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 5A448F by changing the saturation by 10% instead.

■ 5A448F

FFFFFF

■ 8F75C5

■ AA8FE1

■ C6A9FE

■ E3C4FF

■ FFE1FF

■ FFFDFF

■ 5A448F

■ 50368F

■ 5A448F

■ 402D75

■ 27185C

■ 0B0144

■ 00002D

■ 000117

■ 000000

■ 5A448F

■ 64528F

46278F

6E618F

3C198F

786F8F

320B8F

827D8F

2A008F

8D8C8F

979A8F

A1A88F

ABB68F

B5C58F

Harmonies

Analogous

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



00549D



5A448F



833271

Triad

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



5A448F



7B4404



006257

Complementary

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



5A448F



798F44

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.



006030



5A448F



5C5200

Square

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



5A448F



8F3228



355B09



00627C

Rectangle

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



5A448F



902959



355B09



00624A

Sweetspot

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



5A448F



A59CBA



447A8F



524C5E



DEDEDE



5E5E5E

Same Dimension

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



5A448F



6745BA



7F448F



424047



280087



020008

Inverse Universe

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



8F4479



BA4598



548F44



474045



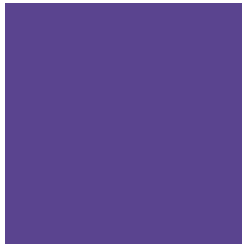
870060



080005

Previews

White Background



This preview shows how the Hex color 5A448F looks on a white background.

Color Contrast Check

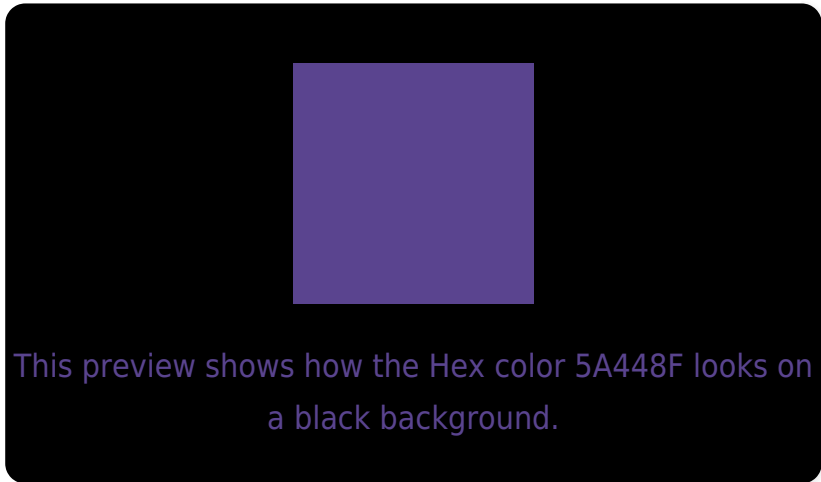
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A448F Background



This preview shows how black text looks on a background with the Hex color 5A448F.

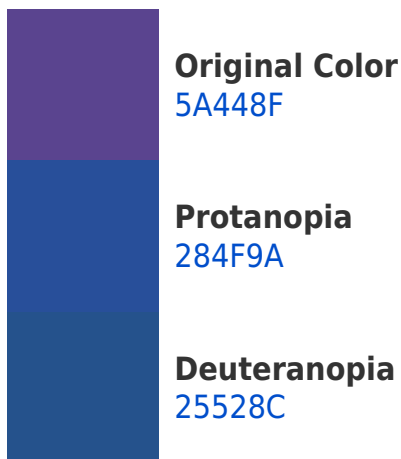


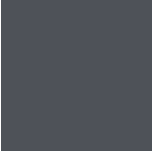
This preview shows how white text looks on a background with the Hex color 5A448F.

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





Tritanopia
4E5258

Trichromacy



Original Color
5A448F

Protanomaly
3A4B96

Deuteranomaly
384D8D

Tritanomaly
524D6C

Monochromacy



Original Color
5A448F

Achromatopsia
535353

Achromatomaly
564E69

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A448F 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 #5A448F looks like.

```
.text, #text, p{  
    color:#5A448F  
}
```

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 #5A448F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A448F
}
```

Border

The CSS property to change the border of an element to Hex 5A448F is called "border". The border property can be set on classes, ids or directly on the HTML element.

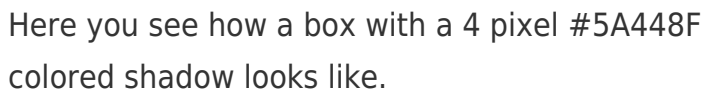
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A448F }
```

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

```
.border{ border-color:#5A448F }
```

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



Here you see how a box with a 4 pixel #5A448F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A448F; -webkit-box-shadow:4px 4px  
4px 4px #5A448F; box-shadow:4px 4px 4px  
4px #5A448F }
```

Background

The CSS property to change the background color of an element to Hex 5A448F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A448F }
```

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

```
.background{ background-color:#5A448F }
```

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