

Converting Colors

Hex(4A558A)

Have a look what the booklet for
Hex(4A558A) contains.

Hex(4A558A)	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(4A558A)

Conversions

Conversions Part 1

Format	Color
Hex	4A558A
RGB	74, 85, 138
RGB Percent	29%, 33%, 54%
CMY	0.7098, 0.6667, 0.4588
CMYK	0.46, 0.38, 0.00, 0.46
HSL	230°, 30%, 42%
HSV	230°, 46%, 54%
XYZ	10.6600, 9.7878, 25.3722
YIQ	87.7530, -23.5690, 14.1510

Conversions

Conversions Part 2

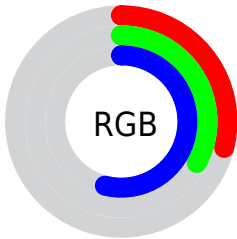
Format	Color
R_{YB}	74, 83, 138
Decimal	4871562
CIE _{Lab}	37.46, 10.70, -30.90
CIE _{LCh}	37, 32.702, 289.097
Yxy	9.7878, 0.2326, 0.2136
Android (android.graphics.Color)	4283061642 (0xFF4A558A)
YUV	87.7530, 24.7718, -12.0614
Hunter-Lab	31.2855, 6.0711, -26.1836

Details

The Hex color **4A558A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8A7F4A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7E86C0**, and **152858** is the 20% darker color. If you saturate the color by 10%, you get **3C4A8A**, and if you desaturate by 10%, it is **58608A**.

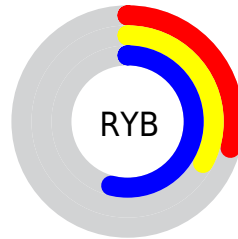
Distribution



Red (29%)

Green (33%)

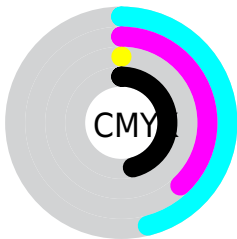
Blue (54%)



Red (29%)

Yellow (33%)

Blue (54%)

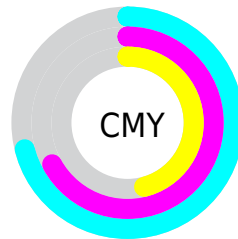


Cyan (46%)

Magenta (38%)

Yellow (0%)

Black (46%)



Cyan (71%)

Magenta (67%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A558A 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 4A558A by changing the saturation by 10% instead.

■ 4A558A

■ 4A558A

FFFFFF

■ 303E70

■ 7E86C0

■ 152858

■ 99A1DC

■ 001440

■ B4BCF8

■ 00032A

■ D0D7FF

■ 000114

■ EDF4FF

■ 000000

■ 4A558A

■ 4A558A

■ 3C4A8A

■ 58608A

■ 2E3E8A

■ 666C8A

■ 21338A

■ 73778A

■ 13278A

■ 81838A

■ 051C8A

■ 8F8E8A

■ 00188A

■ 9D9A8A

■ ABA58A

■ B8B08A

■ C6BC8A

Harmonies

Analogous

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



005E8C



4A558A



6F4B7B

Triad

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



4A558A



824A31



00654D

Complementary

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



4A558A



8A7F4A

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.



386234



4A558A



705323

Square

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



4A558A



8A4248



575C24



006569

Rectangle

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



4A558A



7F456C



575C24



1B6444

Sweetspot

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



4A558A



9A9EB3



4A8A7E



4A4D59



D9D9D9



595959

Same Dimension

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



4A558A



4F60B3



5E4A8A



3E3F45



001785



000105

Inverse Universe

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



8A4A55



B34F60



768A4A



453E3F



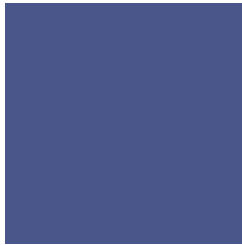
850017



050001

Previews

White Background



This preview shows how the Hex color 4A558A looks on a white background.

Color Contrast Check

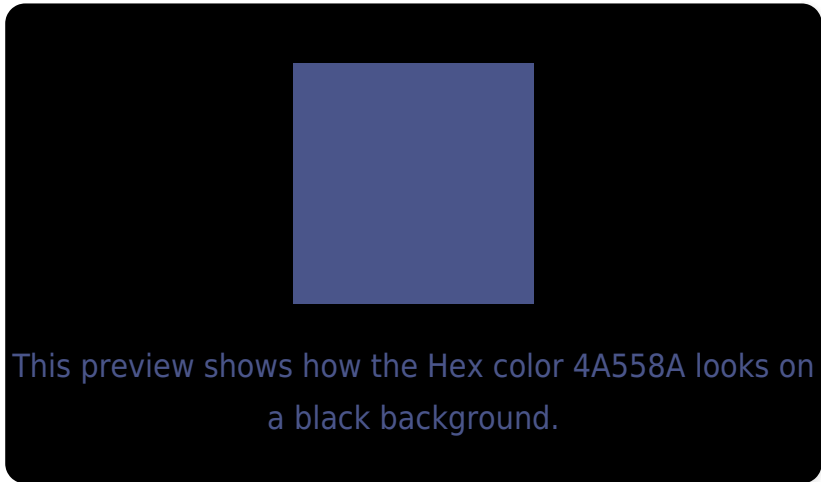
Large Text (above 18pt) WCAG AA ✓ Pass

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

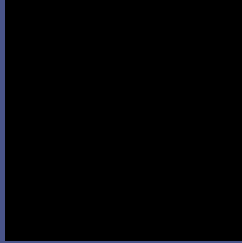
Any Text WCAG AA × Fail

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 4A558A Background



This preview shows how black text looks on a background with the Hex color 4A558A.



This preview shows how white text looks on a background with the Hex color 4A558A.

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

4A558A

Protanopia

44568B

Deuteranopia

3E5889



Tritanopia
3F5D64

Trichromacy



Original Color
4A558A

Protanomaly
46568B

Deuteranomaly
425789

Tritanomaly
435A72

Monochromacy



Original Color
4A558A

Achromatopsia
585858

Achromatomaly
53576A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A558A 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 #4A558A looks like.

```
.text, #text, p{  
    color:#4A558A  
}
```

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 #4A558A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A558A
}
```

Border

The CSS property to change the border of an element to Hex 4A558A 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
#4A558A }
```

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

```
.border{ border-color:#4A558A }
```

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

Here you see how a box with a 4 pixel #4A558A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A558A; -webkit-box-shadow:4px 4px  
4px 4px #4A558A; box-shadow:4px 4px 4px  
4px #4A558A }
```

Background

The CSS property to change the background color of an element to Hex 4A558A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A558A }
```

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

```
.background{ background-color:#4A558A }
```

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