

Converting Colors

Hex(4538A0)

Have a look what the booklet for
Hex(4538A0) contains.

Hex(4538A0)	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(4538A0)

Conversions

Conversions Part 1

Format	Color
Hex	4538A0
RGB	69, 56, 160
RGB Percent	27%, 22%, 63%
CMY	0.7294, 0.7804, 0.3725
CMYK	0.57, 0.65, 0.00, 0.37
HSL	248°, 48%, 42%
HSV	248°, 65%, 63%
XYZ	10.2136, 6.6316, 33.9994
YIQ	71.7430, -25.6360, 35.1000

Conversions

Conversions Part 2

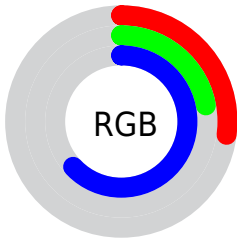
Format	Color
R_{YB}	69, 56, 160
Decimal	4536480
CIE _{Lab}	30.95, 35.33, -54.73
CIE _{LCh}	31, 65.143, 302.841
Yxy	6.6316, 0.2009, 0.1304
Android (android.graphics.Color)	4282726560 (0xFF4538A0)
YUV	71.7430, 43.5107, -2.4056
Hunter-Lab	25.7519, 25.7297, -60.2523

Details

The Hex color **4538A0** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **93A038**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7E68D8**, and **000C6B** is the 20% darker color. If you saturate the color by 10%, you get **3728A0**, and if you desaturate by 10%, it is **5348A0**.

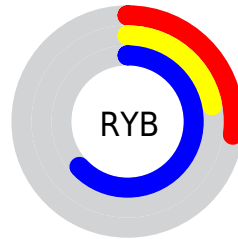
Distribution



Red (27%)

Green (22%)

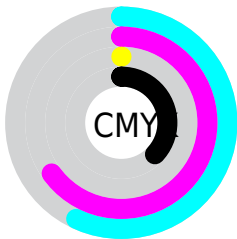
Blue (63%)



Red (27%)

Yellow (22%)

Blue (63%)

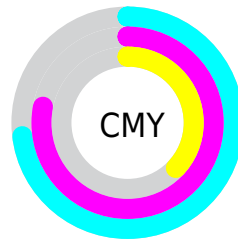


Cyan (57%)

Magenta (65%)

Yellow (0%)

Black (37%)



Cyan (73%)

Magenta (78%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4538A0 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 4538A0 by changing the saturation by 10% instead.

■ 4538A0

■ 4538A0

FFFFFF

■ 262285

■ 7E68D8

■ 000C6B

■ 9A81F4

■ 000053

■ B79CFF

■ 00063A

■ D4B7FF

■ 000224

■ F1D2FF

■ 00000B

■ FFEFFF

■ 000000

■ 4538A0

■ 4538A0

■ 3728A0

■ 5348A0

■ 2918A0

■ 6158A0

■ 1B08A0

■ 6F68A0

■ 1400A0

■ 7D78A0

■ 8B88A0

■ 9998A0

■ A7A8A0

■ B5B8A0

■ C3C8A0

Harmonies

Analogous

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



004FB1



4538A0



870778

Triad

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



4538A0



7D3200



005D4D

Complementary

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



4538A0



93A038

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.



005A14



4538A0



564900

Square

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



4538A0



970015



1E5500



005D7F

Rectangle

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



4538A0



990057



1E5500



005C3B

Sweetspot

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



4538A0



ADA7D1



3894A0



534F69



E8E8E8



696969

Same Dimension

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



4538A0



422ED1



7838A0



48474F



12008F



02000F

Inverse Universe

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



A03893



D12EBD



60A038



4F474E



8F007D



0F000D

Previews

White Background



This preview shows how the Hex color 4538A0 looks on a white background.

Color Contrast Check

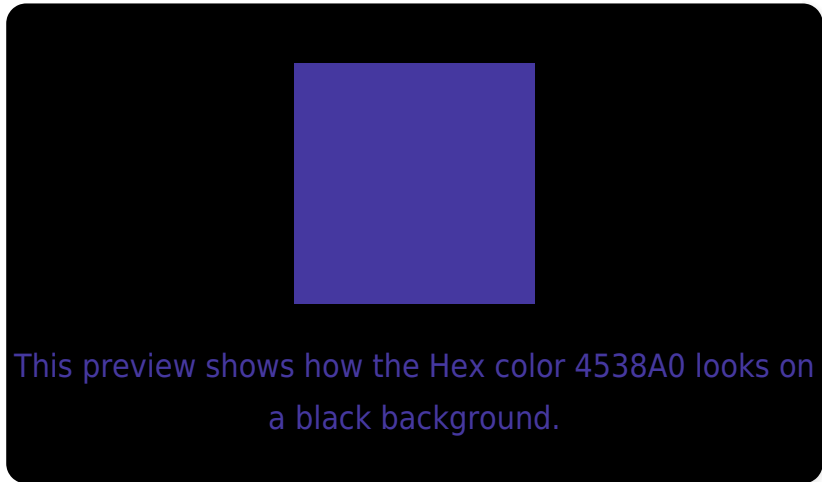
Large Text (above 18pt) WCAG AA ✓ Pass

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

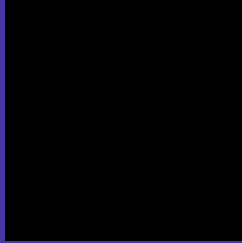
Any Text WCAG AA × Fail

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 4538A0 Background



This preview shows how black text looks on a background with the Hex color 4538A0.

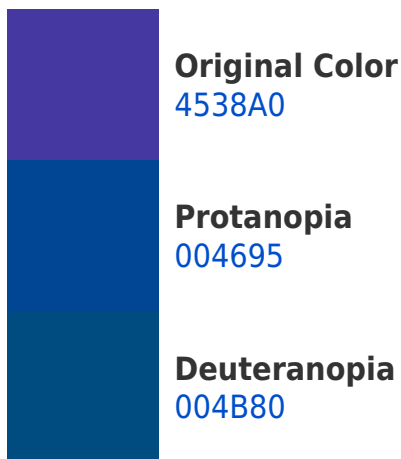


This preview shows how white text looks on a background with the Hex color 4538A0.

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](#).

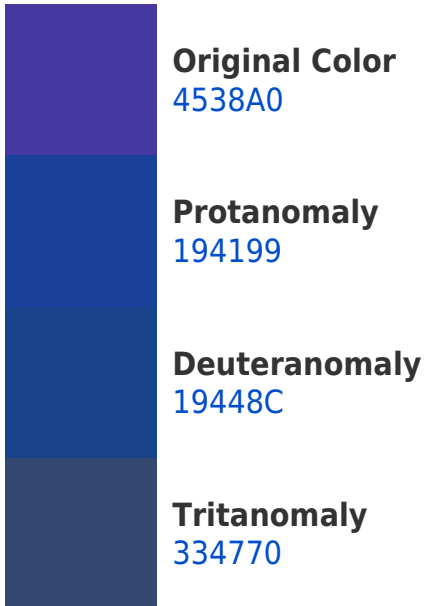
Dichromacy



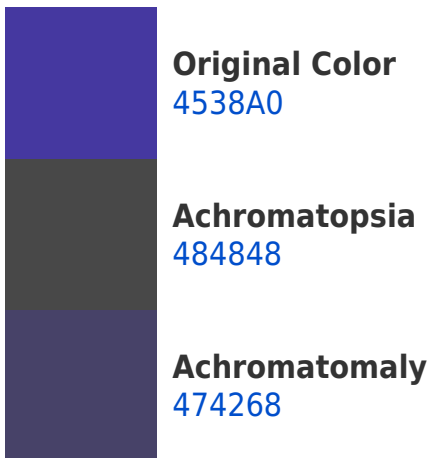


Tritanopia
284F55

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4538A0 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 #4538A0 looks like.

```
.text, #text, p{  
    color:#4538A0  
}
```

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 #4538A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4538A0
}
```

Border

The CSS property to change the border of an element to Hex 4538A0 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
#4538A0 }
```

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

```
.border{ border-color:#4538A0 }
```

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

Here you see how a box with a 4 pixel #4538A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4538A0; -webkit-box-shadow:4px 4px  
4px 4px #4538A0; box-shadow:4px 4px 4px  
4px #4538A0 }
```

Background

The CSS property to change the background color of an element to Hex 4538A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4538A0 }
```

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

```
.background{ background-color:#4538A0 }
```

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