

Converting Colors

Hex(4533A0)

Have a look what the booklet for
Hex(4533A0) contains.

Hex(4533A0)	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(4533A0)

Conversions

Conversions Part 1

Format	Color
Hex	4533A0
RGB	69, 51, 160
RGB Percent	27%, 20%, 63%
CMY	0.7294, 0.8000, 0.3725
CMYK	0.57, 0.68, 0.00, 0.37
HSL	250°, 52%, 41%
HSV	250°, 68%, 63%
XYZ	9.9832, 6.1709, 33.9226
YIQ	68.8080, -24.2610, 37.7150

Conversions

Conversions Part 2

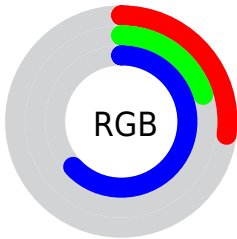
Format	Color
R_{YB}	69, 51, 160
Decimal	4535200
CIE _{Lab}	29.84, 38.33, -56.55
CIE _{LCh}	30, 68.313, 304.127
Yxy	6.1709, 0.1994, 0.1232
Android (android.graphics.Color)	4282725280 (0xFF4533A0)
YUV	68.8080, 44.9577, 0.1684
Hunter-Lab	24.8414, 28.2632, -63.5758

Details

The Hex color **4533A0** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8EA033**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **7E63D8**, and **00066B** is the 20% darker color. If you saturate the color by 10%, you get **3823A0**, and if you desaturate by 10%, it is **5243A0**.

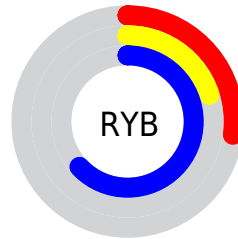
Distribution



Red (27%)

Green (20%)

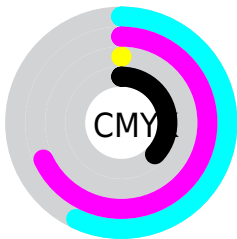
Blue (63%)



Red (27%)

Yellow (20%)

Blue (63%)

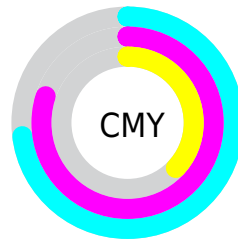


Cyan (57%)

Magenta (68%)

Yellow (0%)

Black (37%)



Cyan (73%)

Magenta (80%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4533A0 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 4533A0 by changing the saturation by 10% instead.

4533A0

4533A0

FFFFFF

251C85

7E63D8

00066B

9A7CF5

000052

B796FF

00063A

D4B1FF

000224

F2CDFF

00000B

FFE9FF

000000

4533A0

4533A0

3823A0

5243A0

■ 2A13A0

■ 6053A0

■ 1D03A0

■ 6D63A0

■ 1A00A0

■ 7A73A0

■ 8883A0

■ 9593A0

■ A3A3A0

■ B0B3A0

■ BDC3A0

Harmonies

Analogous

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



004CB3



4533A0



880076

Triad

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



4533A0



7A3000



005A4D

Complementary

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



4533A0



8EA033

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.



005811



4533A0



514700

Square

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



4533A0



96000D



0F5300



005B81

Rectangle

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



4533A0



9A0053



0F5300



005A3A

Sweetspot

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



4533A0



AEA7D1



3390A0



544F69



E8E8E8



696969

Same Dimension

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



4533A0



4226D1



7A33A0



48474F



18008F



03000F

Inverse Universe

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



A0338E



D126B5



59A033



4F474E



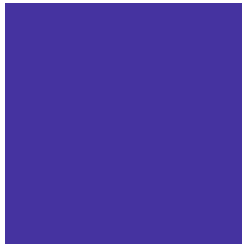
8F0077



0F000D

Previews

White Background



This preview shows how the Hex color 4533A0 looks on a white background.

Color Contrast Check

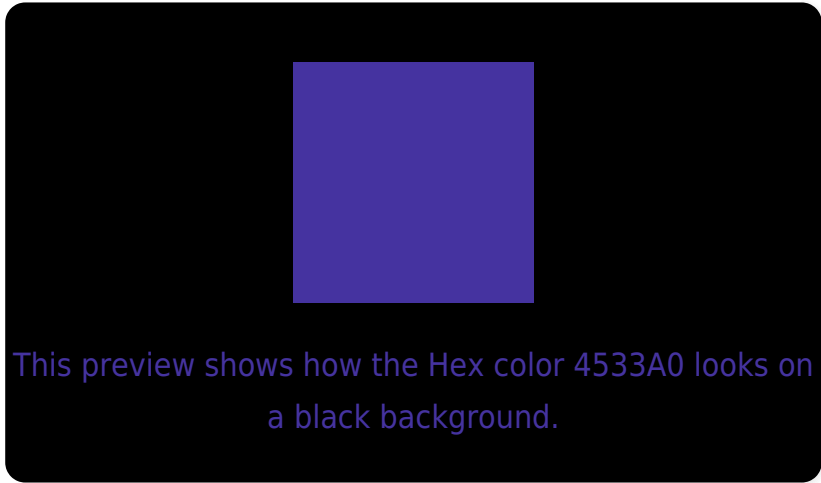
Large Text (above 18pt) WCAG AA ✓ Pass

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

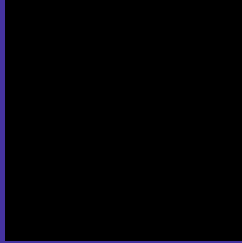
Any Text WCAG AA × Fail

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 4533A0 Background



This preview shows how black text looks on a background with the Hex color 4533A0.

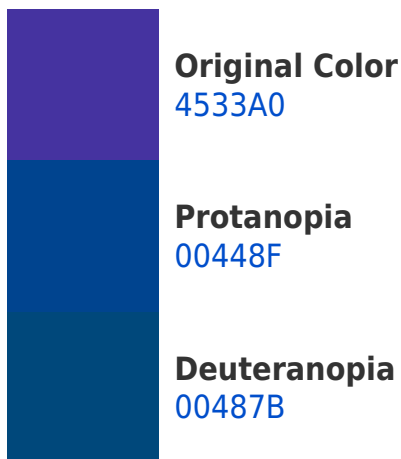


This preview shows how white text looks on a background with the Hex color 4533A0.

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
274C52

Trichromacy



Original Color
4533A0

Protanomaly
193E95

Deuteranomaly
194088

Tritanomaly
32436E

Monochromacy



Original Color
4533A0

Achromatopsia
454545

Achromatomaly
453E66

CSS Examples

Text

The CSS property to change the color of the text to Hex 4533A0 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 #4533A0 looks like.

```
.text, #text, p{  
    color:#4533A0  
}
```

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 #4533A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4533A0
}
```

Border

The CSS property to change the border of an element to Hex 4533A0 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
#4533A0 }
```

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

```
.border{ border-color:#4533A0 }
```

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

Here you see how a box with a 4 pixel #4533A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4533A0; -webkit-box-shadow:4px 4px  
4px 4px #4533A0; box-shadow:4px 4px 4px  
4px #4533A0 }
```

Background

The CSS property to change the background color of an element to Hex 4533A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4533A0 }
```

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

```
.background{ background-color:#4533A0 }
```

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