

Converting Colors

Hex(A450C0)

Have a look what the booklet for
Hex(A450C0) contains.

Hex(A450C0)	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(A450C0)

Conversions

Conversions Part 1

Format	Color
Hex	A450C0
RGB	164, 80, 192
RGB Percent	64%, 31%, 75%
CMY	0.3569, 0.6863, 0.2471
CMYK	0.15, 0.58, 0.00, 0.25
HSL	285°, 47%, 53%
HSV	285°, 58%, 75%
XYZ	27.6929, 17.4356, 51.7750
YIQ	117.8840, 14.1120, 52.6400

Conversions

Conversions Part 2

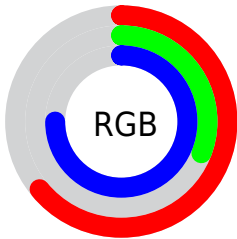
Format	Color
RYB	164, 80, 192
Decimal	10768576
CIELab	48.80, 52.14, -44.37
CIELCh	49, 68.468, 319.602
Yxy	17.4356, 0.2858, 0.1799
Android (android.graphics.Color)	4288958656 (0xFFA450C0)
YUV	117.8840, 36.5392, 40.4437
Hunter-Lab	41.7560, 45.3099, -44.2870

Details

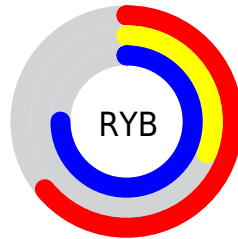
The Hex color **A450C0** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **6CC050**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **DD85F9**, and **6D198A** is the 20% darker color. If you saturate the color by 10%, you get **9F3DC0**, and if you desaturate by 10%, it is **A963C0**.

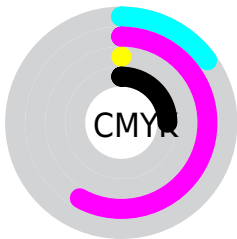
Distribution



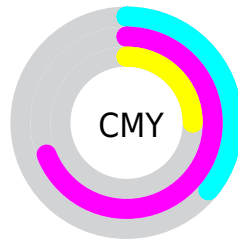
- Red (64%)
- Green (31%)
- Blue (75%)



- Red (64%)
- Yellow (31%)
- Blue (75%)



- Cyan (15%)
- Magenta (58%)
- Yellow (0%)
- Black (25%)



- Cyan (36%)
- Magenta (69%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color A450C0 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 A450C0 by changing the saturation by 10% instead.

 A450C0

 A450C0

FFFFFF

 8836A5

 DD85F9

 6D198A

 FBA0FF

 520070

 FFBCFF

 380057

 FFD9FF

 21003F

 FFF6FF

 000028

 000111

 000000

 A450C0

 A450C0

9F3DC0

A963C0

9A2AC0

AE76C0

9616C0

B28AC0

9103C0

B79DC0

9000C0

BCB0C0

C1C3C0

C6D6C0

CAEAC0

CFFDC0

Harmonies

Analogous

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



396EE2



A450C0



D0318B

Triad

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



A450C0



9D6A00



008D99

Complementary

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



A450C0



6CC050

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.



008C5D



A450C0



697D00

Square

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



A450C0



C44F18



01871F



008BCC

Rectangle

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



A450C0



D92C64



01871F



008D86

Sweetspot

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



A450C0



EFCDF8



506CC0



76617D



FCFCFC



7D7D7D

Same Dimension

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



A450C0



CE4BFA



C050A4



5E5761



7800A1



190021

Inverse Universe

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



C0506C



FA4B77



50C06C



61575A



A10028



210008

Previews

White Background



This preview shows how the Hex color A450C0 looks on a white background.

Color Contrast Check

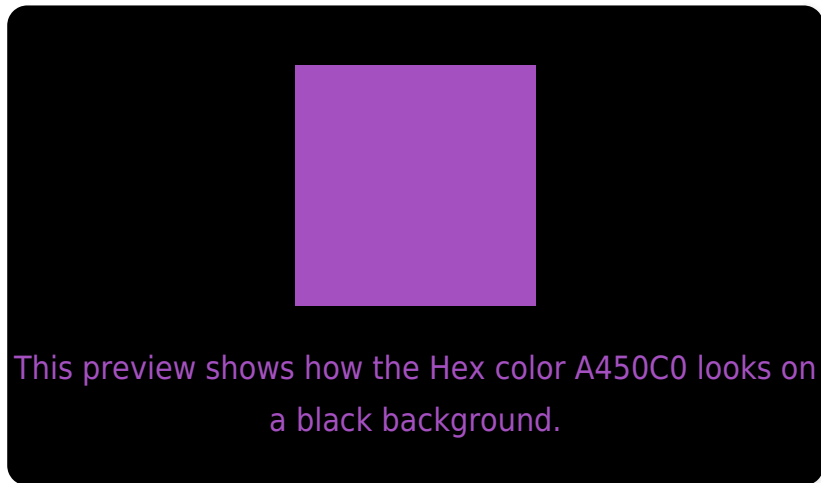
Large Text (above 18pt) WCAG AA ✓ Pass

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

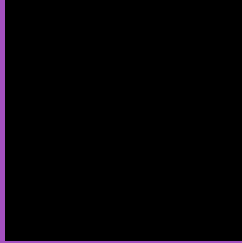
Any Text WCAG AA × Fail

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 A450C0 Background



This preview shows how black text looks on a background with the Hex color A450C0.

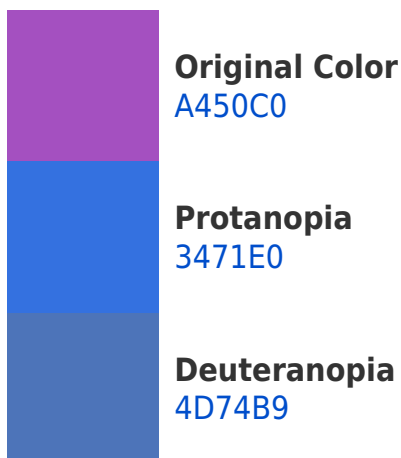



This preview shows how white text looks on a background with the Hex color A450C0.

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](#).

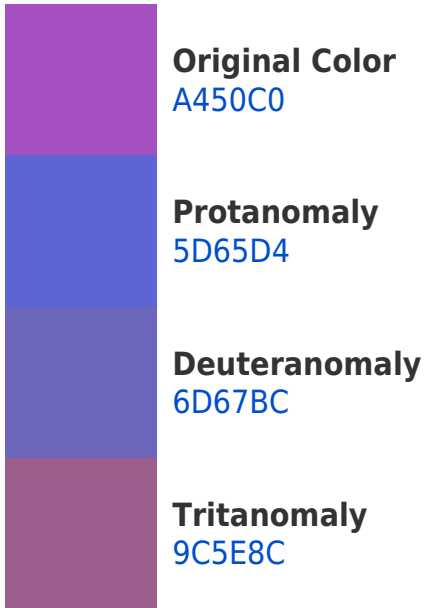
Dichromacy



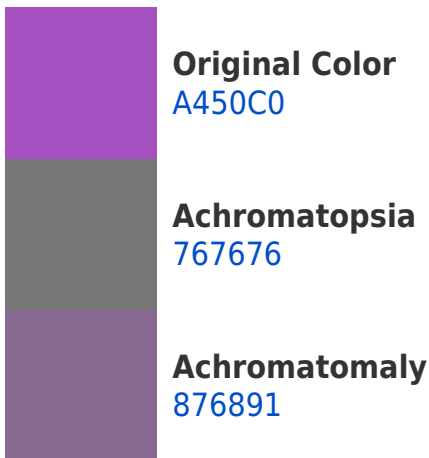


Tritanopia
98666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A450C0 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 #A450C0 looks like.

```
.text, #text, p{  
    color:#A450C0  
}
```

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 #A450C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A450C0
}
```

Border

The CSS property to change the border of an element to Hex A450C0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

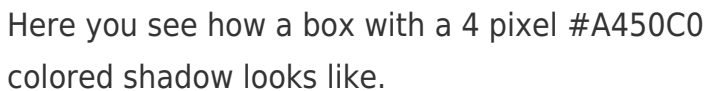
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A450C0 }
```

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

```
.border{ border-color:#A450C0 }
```

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



Here you see how a box with a 4 pixel `#A450C0` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A450C0; -webkit-box-shadow:4px 4px  
4px 4px #A450C0; box-shadow:4px 4px 4px  
4px #A450C0 }
```

Background

The CSS property to change the background color of an element to Hex A450C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A450C0 }
```

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

```
.background{ background-color:#A450C0 }
```

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