

Converting Colors

Hex(A455DD)

Have a look what the booklet for
Hex(A455DD) contains.

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Color

Hex(A455DD)

Conversions

Conversions Part 1

Format	Color
Hex	A455DD
RGB	164, 85, 221
RGB Percent	64%, 33%, 87%
CMY	0.3569, 0.6667, 0.1333
CMYK	0.26, 0.62, 0.00, 0.13
HSL	275°, 67%, 60%
HSV	275°, 62%, 87%
XYZ	31.6095, 19.6100, 70.5257
YIQ	124.1250, 3.4280, 59.0440

Conversions

Conversions Part 2

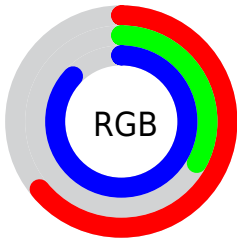
Format	Color
RYB	164, 85, 221
Decimal	10769885
CIELab	51.39, 55.93, -56.85
CIELCh	51, 79.747, 314.531
Yxy	19.6100, 0.2596, 0.1611
Android (android.graphics.Color)	4288959965 (0xFFA455DD)
YUV	124.1250, 47.7594, 34.9704
Hunter-Lab	44.2831, 49.9185, -63.4276

Details

The Hex color **A455DD** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **8EDD55**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **DE8AFF**, and **6C1EA5** is the 20% darker color. If you saturate the color by 10%, you get **9B3FDD**, and if you desaturate by 10%, it is **AD6BDD**.

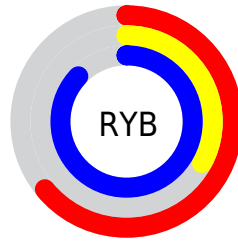
Distribution



Red (64%)

Green (33%)

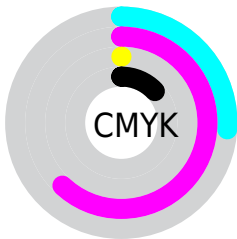
Blue (87%)



Red (64%)

Yellow (33%)

Blue (87%)

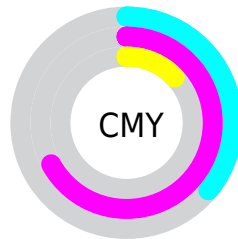


Cyan (26%)

Magenta (62%)

Yellow (0%)

Black (13%)



Cyan (36%)

Magenta (67%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color A455DD 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 A455DD by changing the saturation by 10% instead.

 A455DD

 A455DD

FFFFFF

 883AC1

 DE8AFF

 6C1EA5

 FCA6FF

 50008A

 FFC2FF

 330070

 FFDFFF

 170057

 FF8CFF

 00003E

 000327

 000111

 000000

 A455DD

 A455DD

 9B3FDD

 AD6BDD

 9129DD

 B781DD

 8813DD

 C097DD

 8000DD

 C9ADDD

 D2C3DD

 DCDADD

 E5F0DD

 EEEFDD

 F7FFDD

Harmonies

Analogous

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



0078FF



A455DD



E024A1

Triad

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



A455DD



B16A00



00979B

Complementary

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



A455DD



8EDD55

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.



009553



A455DD



768200

Square

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



A455DD



DC4518



088F00



0095DA

Rectangle

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



A455DD



EE0773



088F00



009783

Sweetspot

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



A455DD



ECD1FF



5590DD



746380



000000



808080

Same Dimension

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



A455DD



B042FF



DD55D4



69636E



6500AD



1B002E

Inverse Universe

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



DD558E



FF4291



55DD5E



6E6367



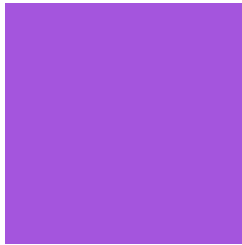
AD0049



2E0013

Previews

White Background



This preview shows how the Hex color A455DD looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

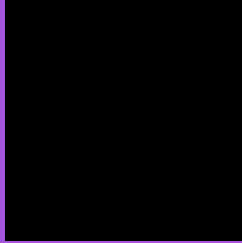
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex A455DD Background



This preview shows how black text looks on a background with the Hex color A455DD.

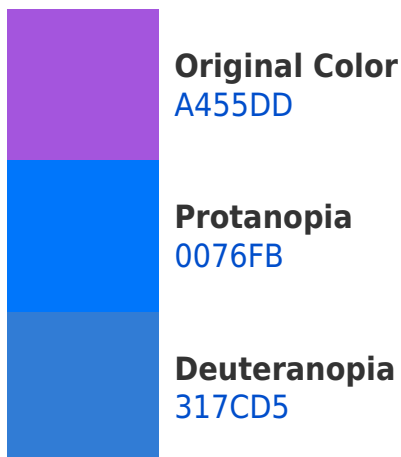


This preview shows how white text looks on a background with the Hex color A455DD.

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](#).

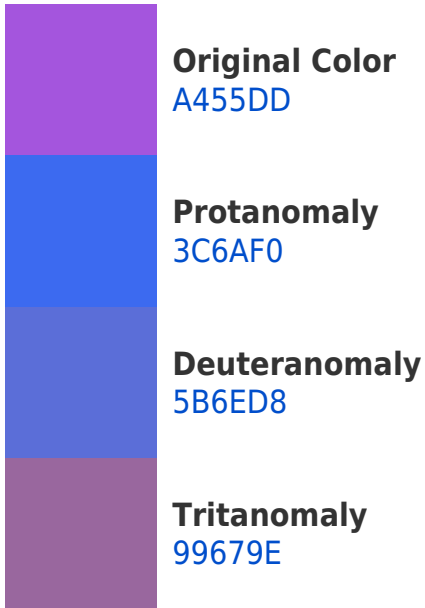
Dichromacy



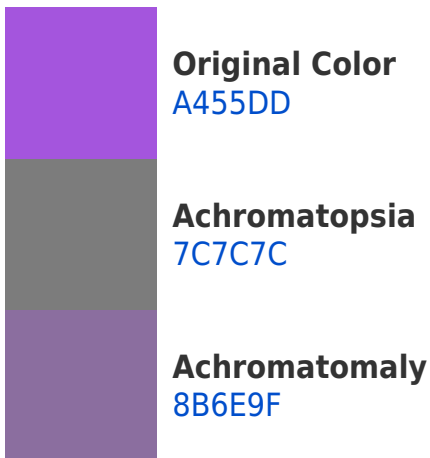


Tritanopia
93717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A455DD 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 #A455DD looks like.

```
.text, #text, p{  
    color:#A455DD  
}
```

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 #A455DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A455DD
}
```

Border

The CSS property to change the border of an element to Hex A455DD 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".

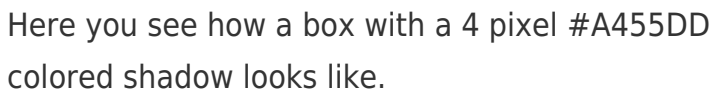
```
.border, #border, table{ border:4px solid
#A455DD }
```

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

```
.border{ border-color:#A455DD }
```

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

Here you see how a box with a 4 pixel #A455DD colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a thick purple shadow is cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A455DD; -webkit-box-shadow:4px 4px  
4px 4px #A455DD; box-shadow:4px 4px 4px  
4px #A455DD }
```

Background

The CSS property to change the background color of an element to Hex A455DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A455DD }
```

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

```
.background{ background-color:#A455DD }
```

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](#).

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