

# Converting Colors

Hex(A455D6)

Have a look what the booklet for  
Hex(A455D6) contains.

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# Color

Hex(A455D6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A455D6
RGB	164, 85, 214
RGB Percent	64%, 33%, 84%
CMY	0.3569, 0.6667, 0.1608
CMYK	0.23, 0.60, 0.00, 0.16
HSL	277°, 61%, 59%
HSV	277°, 60%, 84%
XYZ	30.6959, 19.2446, 65.7150
YIQ	123.3270, 5.6750, 56.8670

# Conversions

## Conversions Part 2

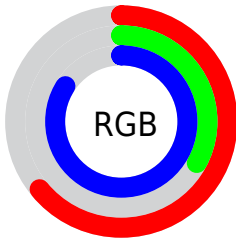
Format	Color
<a href="#">RYB</a>	<a href="#">164, 85, 214</a>
Decimal	<a href="#">10769878</a>
CIELab	<a href="#">50.97, 54.37, -53.55</a>
CIElCh	<a href="#">51, 76.313, 315.437</a>
Yxy	<a href="#">19.2446, 0.2654, 0.1664</a>
Android (android.graphics.Color)	<a href="#">4288959958 (0xFFA455D6)</a>
YUV	<a href="#">123.3270, 44.7018, 35.6702</a>
Hunter-Lab	<a href="#">43.8686, 48.1307, -58.1082</a>

# Details

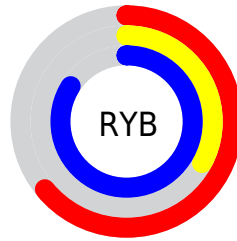
The Hex color **A455D6** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **87D655**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **DE8AFF**, and **6C1F9E** is the 20% darker color. If you saturate the color by 10%, you get **9C40D6**, and if you desaturate by 10%, it is **AC6AD6**.

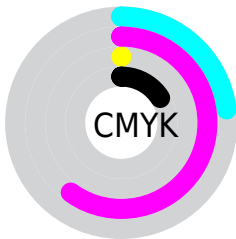
# Distribution



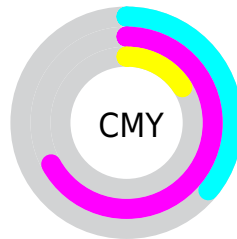
- Red (64%)
- Green (33%)
- Blue (84%)



- Red (64%)
- Yellow (33%)
- Blue (84%)



- Cyan (23%)
- Magenta (60%)
- Yellow (0%)
- Black (16%)



- Cyan (36%)
- Magenta (67%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A455D6 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 A455D6 by changing the saturation by 10% instead.



 A455D6

 A455D6

FFFFFF

 883BBA

 DE8AFF

 6C1F9E

 FBA6FF

 510084

 FFC2FF

 35006A

 FFDEFF

 1B0051

 FFFCFF

 000039

 000222

 000009

 000000

 A455D6

 A455D6

 9C40D6

 AC6AD6

 932AD6

 B580D6

 8B15D6

 BD95D6

 8300D6

 C5ABD6

 CDC0D6

 D6D5D6

 DEEBD6

 E6FFD6

 EFFF D6

# Harmonies

## Analogous

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



0076F9



A455D6



DC2B9C

# Triad

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



A455D6



AD6B00



00959A

# Complementary

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



A455D6



87D655

# 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.



009356



A455D6



748100

# Square

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



A455D6



D7491A



108D01



0093D6

# Rectangle

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



A455D6



E91B71



108D01



009584



# Sweetspot

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



A455D6



EDD1FF



5589D6



756380



000000



808080



# Same Dimension

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



A455D6



B847FF



D655C9



67606B



6900AB



1B002B



# Inverse Universe

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



D65587



FF478F



55D662



6B6065



AB0042

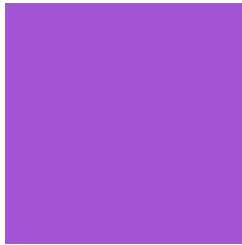


2B0011



# Previews

## White Background



This preview shows how the Hex color A455D6 looks on a white background.

## Color Contrast Check

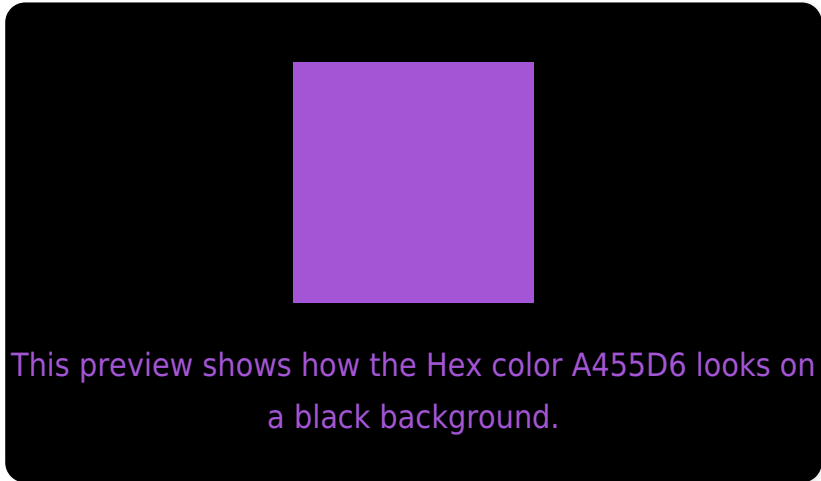
Large Text (above 18pt) WCAG AA ✓ Pass

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

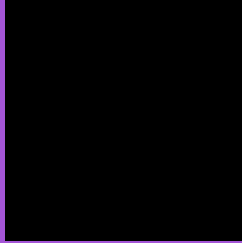
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A455D6 Background



This preview shows how black text looks on a background with the Hex color A455D6.

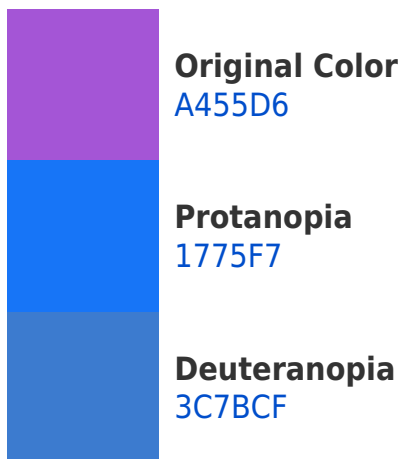



This preview shows how white text looks on a background with the Hex color A455D6.

# 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](#).

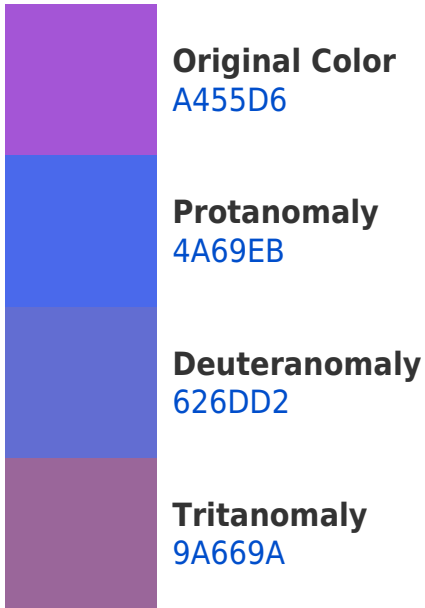
## Dichromacy



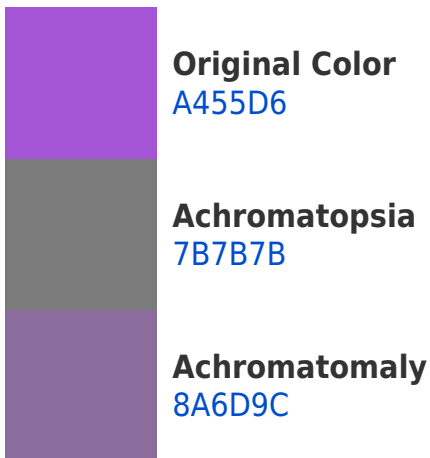


**Tritanopia**  
956F78

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A455D6 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 #A455D6 looks like.

```
.text, #text, p{  
    color:#A455D6  
}
```

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 #A455D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A455D6
}
```

## Border

The CSS property to change the border of an element to Hex A455D6 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
#A455D6 }
```

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

```
.border{ border-color:#A455D6 }
```

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

Here you see how a box with a 4 pixel #A455D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A455D6; -webkit-box-shadow:4px 4px  
4px 4px #A455D6; box-shadow:4px 4px 4px  
4px #A455D6 }
```

# Background

The CSS property to change the background color of an element to Hex A455D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A455D6 }
```

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

```
.background{ background-color:#A455D6 }
```

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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