

# Converting Colors

Hex(A464ED)

Have a look what the booklet for  
Hex(A464ED) contains.

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# Color

**Hex(A464ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A464ED
RGB	164, 100, 237
RGB Percent	64%, 39%, 93%
CMY	0.3569, 0.6078, 0.0706
CMYK	0.31, 0.58, 0.00, 0.07
HSL	268°, 79%, 66%
HSV	268°, 58%, 93%
XYZ	35.1531, 23.1213, 82.7308
YIQ	134.7540, -5.8330, 56.1750

# Conversions

## Conversions Part 2

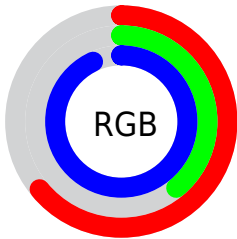
Format	Color
<a href="#">RYB</a>	<a href="#">164, 100, 237</a>
Decimal	<a href="#">10773741</a>
CIELab	<a href="#">55.20, 52.02, -59.75</a>
CIElCh	<a href="#">55, 79.221, 311.045</a>
Yxy	<a href="#">23.1213, 0.2493, 0.1640</a>
Android (android.graphics.Color)	<a href="#">4288963821 (0xFFA464ED)</a>
YUV	<a href="#">134.7540, 50.4073, 25.6487</a>
Hunter-Lab	<a href="#">48.0846, 46.3475, -68.3508</a>

# Details

The Hex color **A464ED** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **ADED64**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **DE99FF**, and **6B31B4** is the 20% darker color. If you saturate the color by 10%, you get **974CED**, and if you desaturate by 10%, it is **B17CED**.

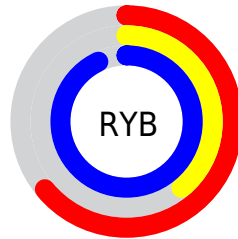
# Distribution



Red (64%)

Green (39%)

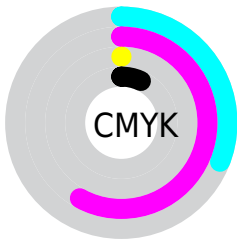
Blue (93%)



Red (64%)

Yellow (39%)

Blue (93%)

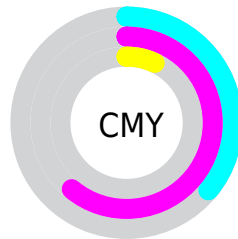


Cyan (31%)

Magenta (58%)

Yellow (0%)

Black (7%)



Cyan (36%)

Magenta (61%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A464ED 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 A464ED by changing the saturation by 10% instead.



 A464ED

 A464ED

FFFFFF

 874AD0

 DE99FF

 6B31B4

 FCB5FF

 4F1599

 FFD1FF

 31007E

 FFEEFF

 0B0064

 00004C

 000434

 00021E

 000000

 A464ED

 A464ED

 974CED

 B17CED

 8B35ED

 BD93ED

 7E1DED

 CAABED

 7105ED

 D7C3ED

 6F00ED

 E3DAED

 F0F2ED

 FCFFED

 FFFFED

# Harmonies

## Analogous

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



0085FF



A464ED



E63AB2

# Triad

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



A464ED



C37000



00A29D

# Complementary

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



A464ED



ADED64

# 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.



009F54



A464ED



898900

# Square

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



A464ED



EC4C2B



359800



00A0DE

# Rectangle

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



A464ED



F82685



359800



00A185



# Sweetspot

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



A464ED



E8D4FF



64ADED



726680



000000



808080



# Same Dimension

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



A464ED



A14FFF



E864ED



6F6A75



5500B5



190036



# Inverse Universe

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



ED64AD



FF4FAD



69ED64



756A70



B50060

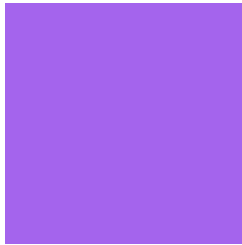


36001D



# Previews

## White Background



This preview shows how the Hex color A464ED looks on a white background.

## Color Contrast Check

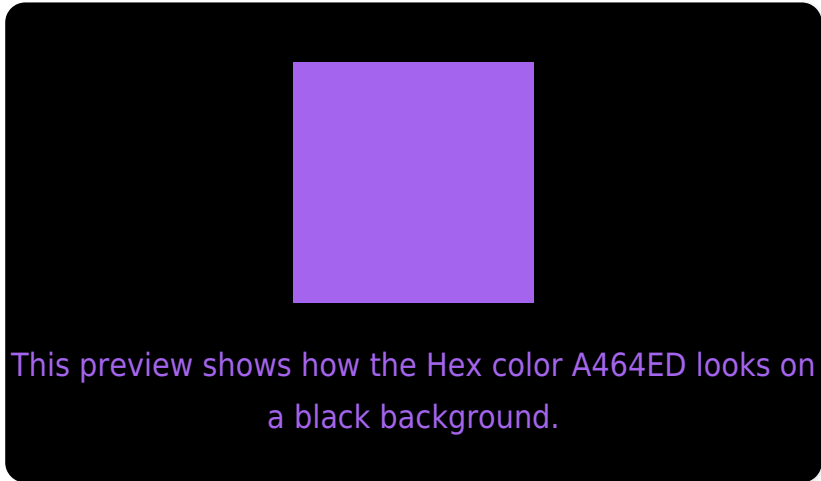
Large Text (above 18pt) WCAG AA ✓ Pass

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

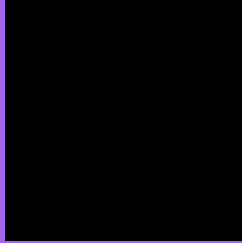
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A464ED Background



This preview shows how black text looks on a background with the Hex color A464ED.

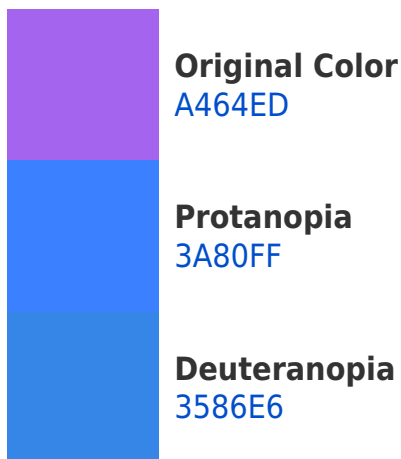


This preview shows how white text looks on a background with the Hex color A464ED.

# 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](#).

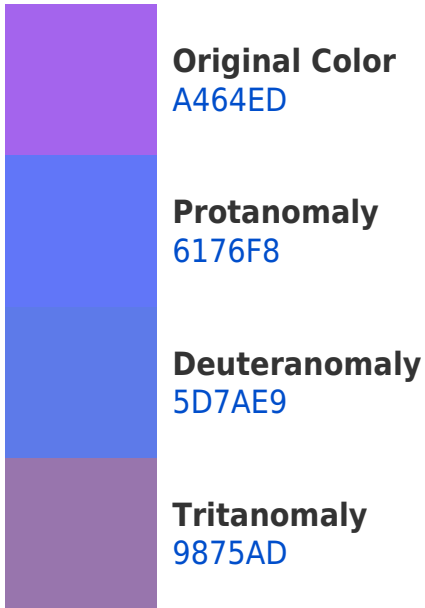
## Dichromacy



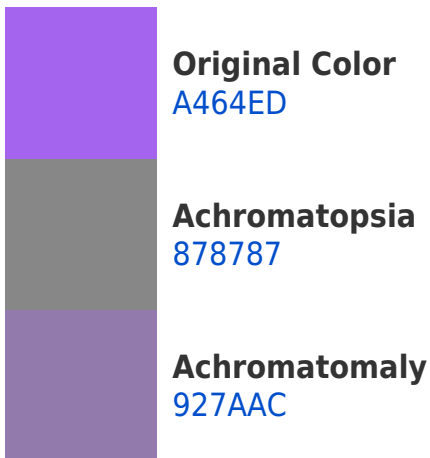


**Tritanopia**  
917F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A464ED 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 #A464ED looks like.

```
.text, #text, p{  
    color:#A464ED  
}
```

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 #A464ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A464ED
}
```

## Border

The CSS property to change the border of an element to Hex A464ED is called "border". The border property can be set on classes, ids or directly on the HTML element.

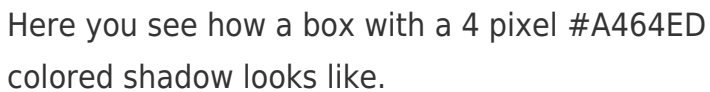
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A464ED }
```

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

```
.border{ border-color:#A464ED }
```

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



Here you see how a box with a 4 pixel #A464ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A464ED; -webkit-box-shadow:4px 4px  
4px 4px #A464ED; box-shadow:4px 4px 4px  
4px #A464ED }
```

# Background

The CSS property to change the background color of an element to Hex A464ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A464ED }
```

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

```
.background{ background-color:#A464ED }
```

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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