

# Converting Colors

Hex(A145EA)

Have a look what the booklet for  
Hex(A145EA) contains.

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# Color

**Hex(A145EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A145EA
RGB	161, 69, 234
RGB Percent	63%, 27%, 92%
CMY	0.3686, 0.7294, 0.0824
CMYK	0.31, 0.71, 0.00, 0.08
HSL	273°, 80%, 59%
HSV	273°, 71%, 92%
XYZ	31.6773, 17.7738, 79.6030
YIQ	115.3180, 1.8670, 70.8190

# Conversions

## Conversions Part 2

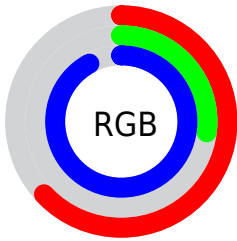
Format	Color
<a href="#">RYB</a>	<a href="#">161, 69, 234</a>
Decimal	<a href="#">10569194</a>
CIELab	<a href="#">49.22, 65.54, -67.72</a>
CIELCh	<a href="#">49, 94.243, 314.061</a>
Yxy	<a href="#">17.7738, 0.2455, 0.1377</a>
Android (android.graphics.Color)	<a href="#">4288759274</a> ( <a href="#">0xFFA145EA</a> )
YUV	<a href="#">115.3180, 58.5102, 40.0631</a>
Hunter-Lab	<a href="#">42.1590, 60.3427, -82.4378</a>

# Details

The Hex color **A145EA** 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 **8EEA45**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **DC7CFF**, and **6700B1** is the 20% darker color. If you saturate the color by 10%, you get **972EEA**, and if you desaturate by 10%, it is **AB5CEA**.

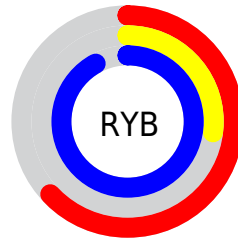
# Distribution



Red (63%)

Green (27%)

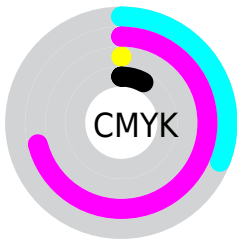
Blue (92%)



Red (63%)

Yellow (27%)

Blue (92%)

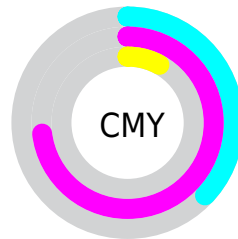


Cyan (31%)

Magenta (71%)

Yellow (0%)

Black (8%)



Cyan (37%)

Magenta (73%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A145EA 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 A145EA by changing the saturation by 10% instead.



 A145EA

 A145EA

FFFFFF

 8427CD

 DC7CFF

 6700B1

 FB98FF

 490096

 FFB4FF

 28007B

 FFD1FF

 000061

 FFEEFF

 000048

 000431

 00011B

 000000

 A145EA

 A145EA

 972EEA

 AB5CEA

 8C16EA

 B674EA

 8200EA

 C08BEA

 CAA3EA

 D5BAEA

 DFD1EA

 E9E9EA

 F4FFEA

 FEFFEA

# Harmonies

## Analogous

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



0074FF



A145EA



E900A3

# Triad

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



A145EA



B16100



00949A

# Complementary

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



A145EA



8EEA45

# 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.



009245



A145EA



6C7D00

# Square

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



A145EA



E32800



008B00



0093E4

# Rectangle

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



A145EA



F9006E



008B00



00947E



# Sweetspot

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



A145EA



E7C9FF



458FEA



716080



000000



808080



# Same Dimension

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



A145EA



9F26FF



EA45E2



706A75



6500B5



1E0036



# Inverse Universe

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



EA458E



FF2686



45EA4D



756A6F



B50050

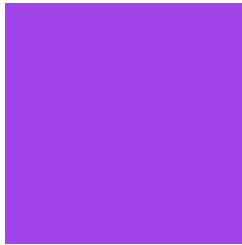


360018



# Previews

## White Background



This preview shows how the Hex color A145EA looks on a white background.

## Color Contrast Check

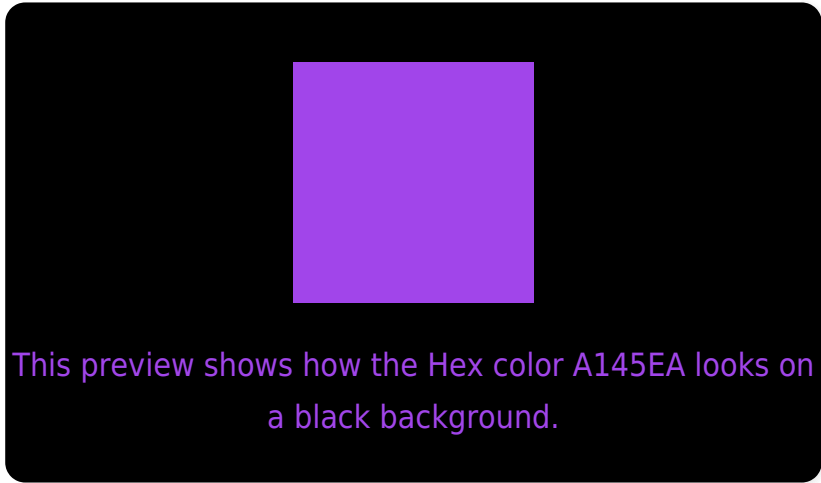
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

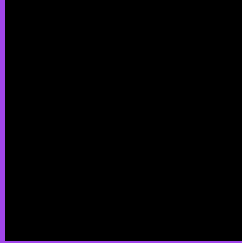
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex A145EA Background



This preview shows how black text looks on a background with the Hex color A145EA.

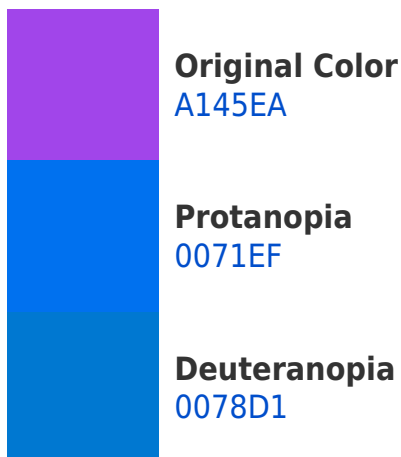



This preview shows how white text looks on a background with the Hex color A145EA.

# 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](#).

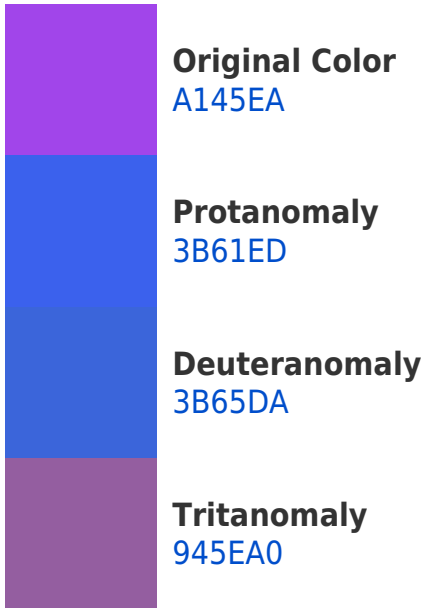
## Dichromacy



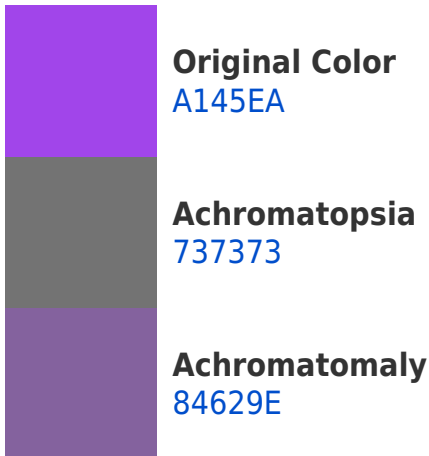


**Tritanopia**  
8C6C75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A145EA 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 #A145EA looks like.

```
.text, #text, p{  
    color:#A145EA  
}
```

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 #A145EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A145EA
}
```

## Border

The CSS property to change the border of an element to Hex A145EA 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
#A145EA }
```

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

```
.border{ border-color:#A145EA }
```

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

Here you see how a box with a 4 pixel #A145EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A145EA; -webkit-box-shadow:4px 4px  
4px 4px #A145EA; box-shadow:4px 4px 4px  
4px #A145EA }
```

# Background

The CSS property to change the background color of an element to Hex A145EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A145EA }
```

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

```
.background{ background-color:#A145EA }
```

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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