

# Converting Colors

Hex(A150EE)

Have a look what the booklet for  
Hex(A150EE) contains.

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# Color

Hex(A150EE)

# Conversions

## Conversions Part 1

Format	Color
Hex	A150EE
RGB	161, 80, 238
RGB Percent	63%, 31%, 93%
CMY	0.3686, 0.6863, 0.0667
CMYK	0.32, 0.66, 0.00, 0.07
HSL	271°, 82%, 62%
HSV	271°, 66%, 93%
XYZ	32.9992, 19.4874, 82.9111
YIQ	122.2310, -2.4420, 66.3100

# Conversions

## Conversions Part 2

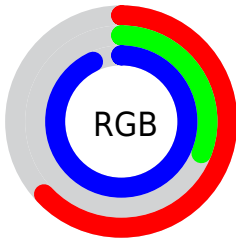
Format	Color
<a href="#">RYB</a>	<a href="#">161, 80, 238</a>
Decimal	<a href="#">10572014</a>
CIELab	<a href="#">51.25, 61.54, -66.68</a>
CIELCh	<a href="#">51, 90.736, 312.703</a>
Yxy	<a href="#">19.4874, 0.2437, 0.1439</a>
Android (android.graphics.Color)	<a href="#">4288762094</a> ( <a href="#">0xFFFA150EE</a> )
YUV	<a href="#">122.2310, 57.0741, 34.0004</a>
Hunter-Lab	<a href="#">44.1446, 56.1804, -80.4556</a>

# Details

The Hex color **A150EE** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **9DEE50**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **DC86FF**, and **6715B5** is the 20% darker color. If you saturate the color by 10%, you get **9538EE**, and if you desaturate by 10%, it is **AD68EE**.

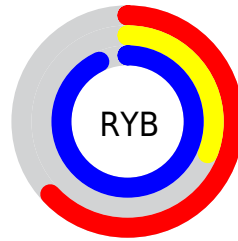
# Distribution



Red (63%)

Green (31%)

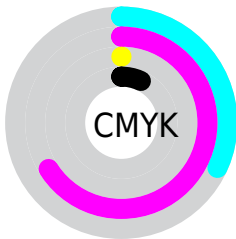
Blue (93%)



Red (63%)

Yellow (31%)

Blue (93%)

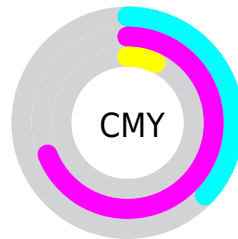


Cyan (32%)

Magenta (66%)

Yellow (0%)

Black (7%)



Cyan (37%)

Magenta (69%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A150EE 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 A150EE by changing the saturation by 10% instead.



 A150EE

 A150EE

FFFFFF

 8435D1

 DC86FF

 6715B5

 FAA2FF

 490099

 FFBEFF

 29007F

 FFDAFF

 000065

 FFF8FF

 00004C

 000434

 00021E

 000000

 A150EE

 A150EE

 9538EE

 AD68EE

 8A20EE

 B880EE

 7E09EE

 C497EE

 7A00EE

 CFAFEE

 DBC7EE

 E7DFEE

 F2F7EE

 FEFEE

 FFFFEE

# Harmonies

## Analogous

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



007AFF



A150EE



E900AA

# Triad

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



A150EE



B96500



00999A

# Complementary

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



A150EE



9DEE50

# 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.



009748



A150EE



778100

# Square

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



A150EE



E83209



009000



0098E3

# Rectangle

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



A150EE



FB0077



009000



00997F



# Sweetspot

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



A150EE



E6CCFF



509FEE



716180



000000



808080



# Same Dimension

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



A150EE



9C33FF



EE50EE



726C78



5E00B8



1D0038



# Inverse Universe

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



EE509D



FF3396



50EE50



786C72



B80059

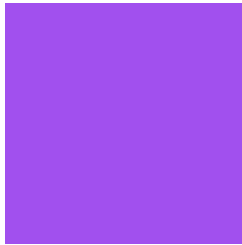


38001B



# Previews

## White Background



This preview shows how the Hex color A150EE looks on a white background.

## Color Contrast Check

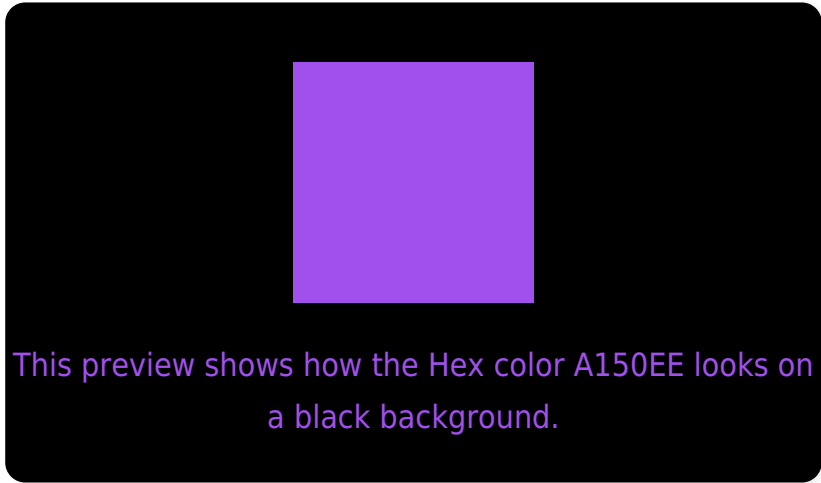
Large Text (above 18pt) WCAG AA ✓ Pass

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 A150EE Background



This preview shows how black text looks on a background with the Hex color A150EE.

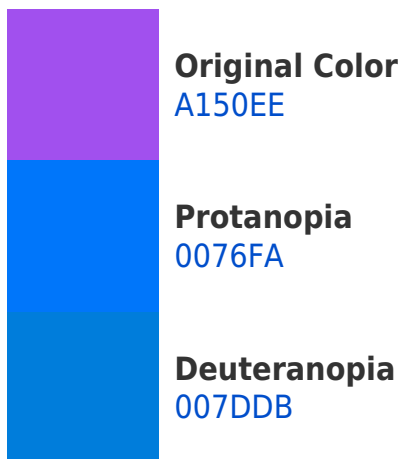


This preview shows how white text looks on a background with the Hex color A150EE.

# 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](#).

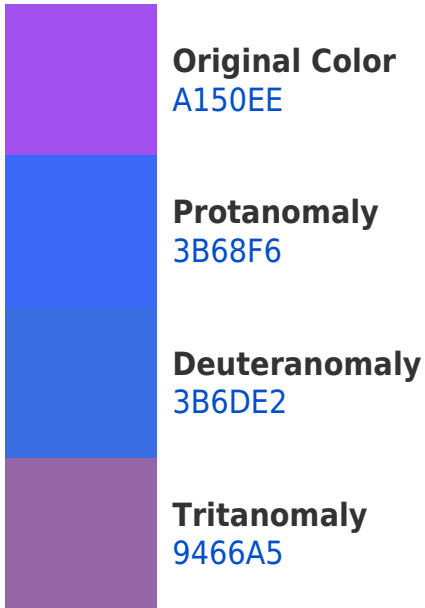
## Dichromacy



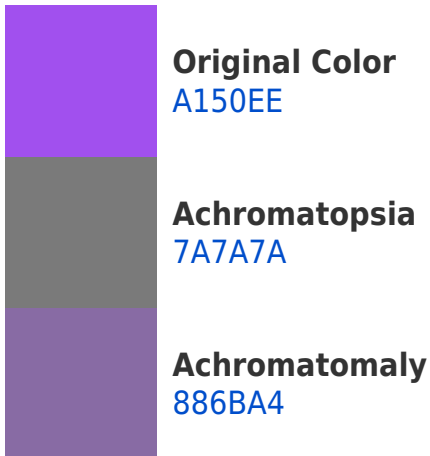


**Tritanopia**  
8C737C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A150EE 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 #A150EE looks like.

```
.text, #text, p{  
    color:#A150EE  
}
```

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 #A150EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A150EE
}
```

## Border

The CSS property to change the border of an element to Hex A150EE 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".

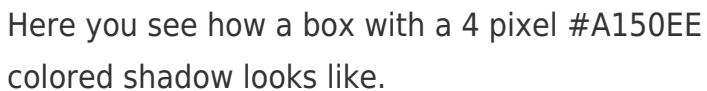
```
.border, #border, table{ border:4px solid
#A150EE }
```

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

```
.border{ border-color:#A150EE }
```

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

Here you see how a box with a 4 pixel #A150EE 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 and bottom, and a thicker purple shadow on the right and bottom sides. The text inside the box is black.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A150EE; -webkit-box-shadow:4px 4px  
4px 4px #A150EE; box-shadow:4px 4px 4px  
4px #A150EE }
```

# Background

The CSS property to change the background color of an element to Hex A150EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A150EE }
```

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

```
.background{ background-color:#A150EE }
```

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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