

# Converting Colors

Hex(A135B2)

Have a look what the booklet for  
Hex(A135B2) contains.

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# Color

**Hex(A135B2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A135B2
RGB	161, 53, 178
RGB Percent	63%, 21%, 70%
CMY	0.3686, 0.7922, 0.3020
CMYK	0.10, 0.70, 0.00, 0.30
HSL	292°, 54%, 45%
HSV	292°, 70%, 70%
XYZ	24.0069, 13.3376, 43.4286
YIQ	99.5420, 24.2430, 61.7710

# Conversions

## Conversions Part 2

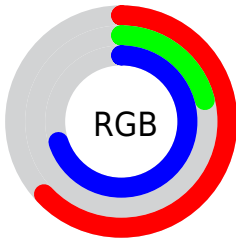
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 53, 178
Decimal	10565042
CIE <sub>Lab</sub>	43.27, 60.60, -45.04
CIE <sub>LCh</sub>	43, 75.499, 323.380
Yxy	13.3376, 0.2972, 0.1651
Android (android.graphics.Color)	4288755122 (0xFFA135B2)
YUV	99.5420, 38.6798, 53.8987
Hunter-Lab	36.5207, 53.4259, -44.9402

# Details

The Hex color **A135B2** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **46B235**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **DB6DEA**, and **69007D** is the 20% darker color. If you saturate the color by 10%, you get **9F23B2**, and if you desaturate by 10%, it is **A347B2**.

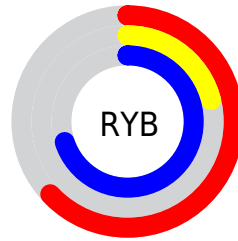
# Distribution



Red (63%)

Green (21%)

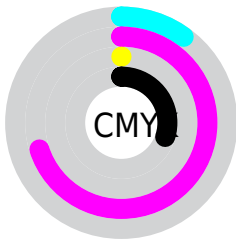
Blue (70%)



Red (63%)

Yellow (21%)

Blue (70%)

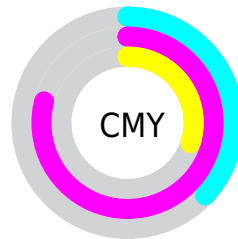


Cyan (10%)

Magenta (70%)

Yellow (0%)

Black (30%)



Cyan (37%)

Magenta (79%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A135B2 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 A135B2 by changing the saturation by 10% instead.



 A135B2

 A135B2

FFFFFF

 851397

 DB6DEA

 69007D

 F889FF

 4E0063

 FFA5FF

 34004B

 FFC1FF

 190033

 FFDEFF

 00021D

 FFFBFF

 000000

 A135B2

 A135B2

 9F23B2

 A347B2

■ 9C11B2

■ A659B2

■ 9A00B2

■ A86AB2

■ AB7CB2

■ AD8EB2

■ B0A0B2

■ B2B2B2

■ B4C3B2

■ B7D5B2

# Harmonies

## Analogous

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



2D5CDB



A135B2



CA0077

# Triad

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



A135B2



895F00



008097

# Complementary

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



A135B2



46B235

# 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.



007F56



A135B2



4E7100

# Square

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



A135B2



B44000



007B09



007DCB

# Rectangle

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



A135B2



D0004E



007B09



008082



# Sweetspot

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



A135B2



E1B7E8



3548B2



715875



F5F5F5



757575



# Same Dimension

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



A135B2



CE25E8



B23586



585059



840099



16001A



# Inverse Universe

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



B23546



E82540



35B261



595052



990015

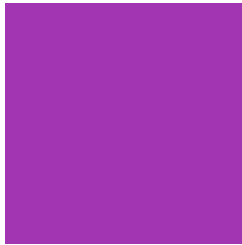


1A0003



# Previews

## White Background



This preview shows how the Hex color A135B2 looks on a white background.

## Color Contrast Check

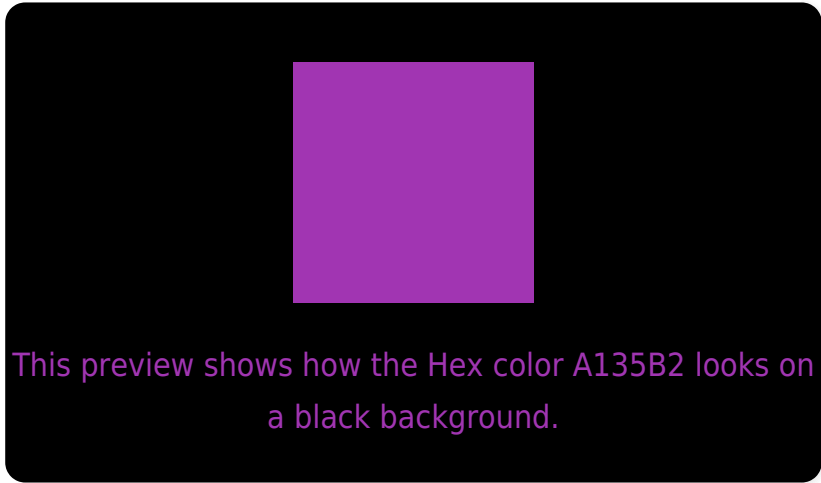
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

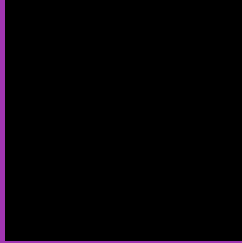
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A135B2 Background



This preview shows how black text looks on a background with the Hex color A135B2.

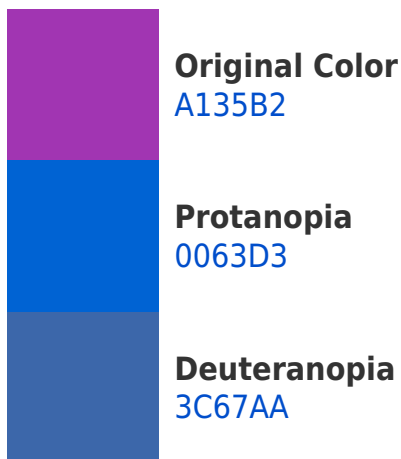


This preview shows how white text looks on a background with the Hex color A135B2.

# 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](#).

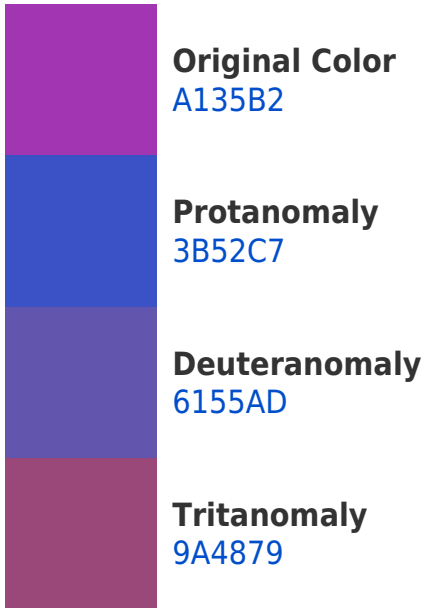
## Dichromacy



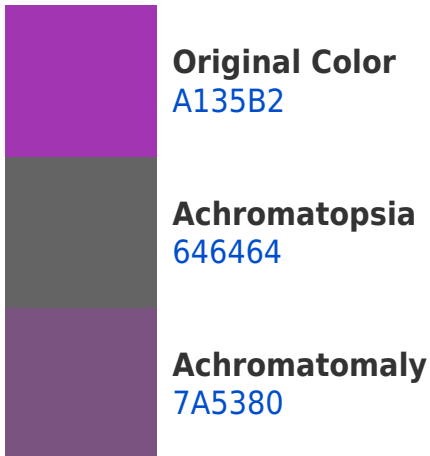


**Tritanopia**  
965359

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A135B2 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 #A135B2 looks like.

```
.text, #text, p{  
    color:#A135B2  
}
```

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 #A135B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A135B2
}
```

## Border

The CSS property to change the border of an element to Hex A135B2 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
#A135B2 }
```

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

```
.border{ border-color:#A135B2 }
```

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

Here you see how a box with a 4 pixel #A135B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A135B2; -webkit-box-shadow:4px 4px  
4px 4px #A135B2; box-shadow:4px 4px 4px  
4px #A135B2 }
```

# Background

The CSS property to change the background color of an element to Hex A135B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A135B2 }
```

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

```
.background{ background-color:#A135B2 }
```

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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