

# Converting Colors

Hex(A14BD0)

Have a look what the booklet for  
Hex(A14BD0) contains.

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# Color

Hex(A14BD0)

# Conversions

## Conversions Part 1

Format	Color
Hex	A14BD0
RGB	161, 75, 208
RGB Percent	63%, 29%, 82%
CMY	0.3686, 0.7059, 0.1843
CMYK	0.23, 0.64, 0.00, 0.18
HSL	279°, 59%, 55%
HSV	279°, 64%, 82%
XYZ	28.5992, 17.1633, 61.4800
YIQ	115.8760, 8.5630, 59.5950

# Conversions

## Conversions Part 2

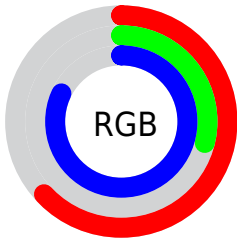
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 75, 208
Decimal	10570704
CIELab	48.47, 57.18, -54.16
CIElCh	48, 78.759, 316.555
Yxy	17.1633, 0.2667, 0.1600
Android (android.graphics.Color)	4288760784 (0xFFA14BD0)
YUV	115.8760, 45.4171, 39.5737
Hunter-Lab	41.4286, 50.7229, -58.9863

# Details

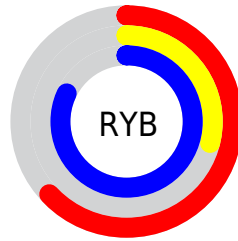
The Hex color **A14BD0** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **7AD04B**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **DB81FF**, and **690F99** is the 20% darker color. If you saturate the color by 10%, you get **9A36D0**, and if you desaturate by 10%, it is **A860D0**.

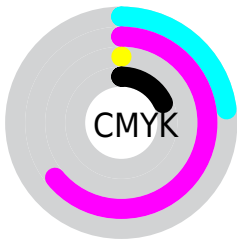
# Distribution



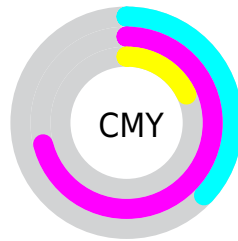
- Red (63%)
- Green (29%)
- Blue (82%)



- Red (63%)
- Yellow (29%)
- Blue (82%)



- Cyan (23%)
- Magenta (64%)
- Yellow (0%)
- Black (18%)



- Cyan (37%)
- Magenta (71%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A14BD0 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 A14BD0 by changing the saturation by 10% instead.



 A14BD0

 A14BD0

FFFFFF

 8530B4

 DB81FF

 690F99

 F99CFF

 4D007E

 FFB8FF

 310064

 FFD5FF

 17004C

 FFF2FF

 000034

 00021E

 000000

 A14BD0

 A14BD0

9A36D0

A860D0

9221D0

B075D0

8B0DD0

B789D0

8600D0

BE9ED0

C6B3D0

CDC8D0

D4DDD0

DCF1D0

E3FFD0

# Harmonies

## Analogous

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



006FF5



A14BD0



D81294

# Triad

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



A14BD0



A56500



008F97

# Complementary

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



A14BD0



7AD04B

# 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.



008D52



A14BD0



6A7B00

# Square

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



A14BD0



D0410A



008700



008DD4

# Rectangle

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



A14BD0



E40068



008700



008F81



# Sweetspot

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



A14BD0



EECFFF



4B7CD0



756280



000000



808080



# Same Dimension

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



A14BD0



BA3BFF



D04BBE



655E69



6D00A8



1A0029



# Inverse Universe

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



D04B7A



FF3B80



4BD05D



695E62



A8003B



29000E



# Previews

## White Background



This preview shows how the Hex color A14BD0 looks on a white background.

## Color Contrast Check

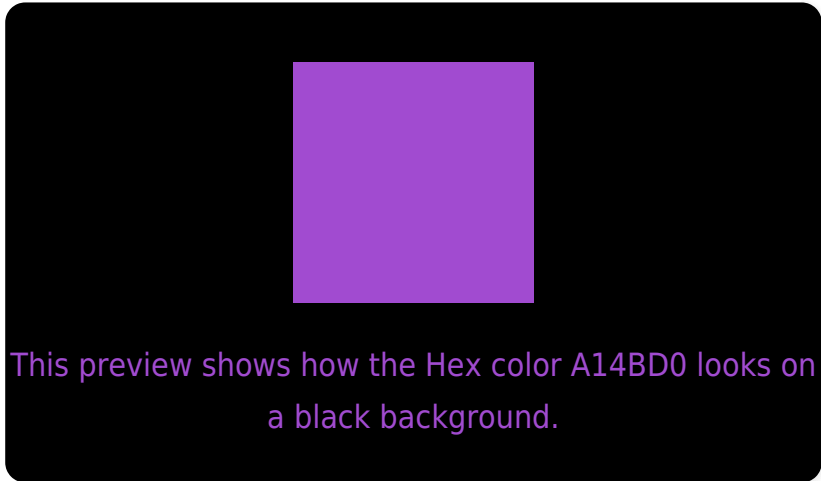
Large Text (above 18pt) WCAG AA ✓ Pass

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

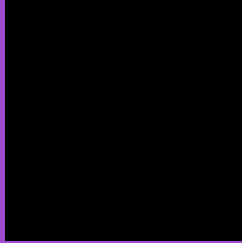
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A14BD0 Background



This preview shows how black text looks on a background with the Hex color A14BD0.

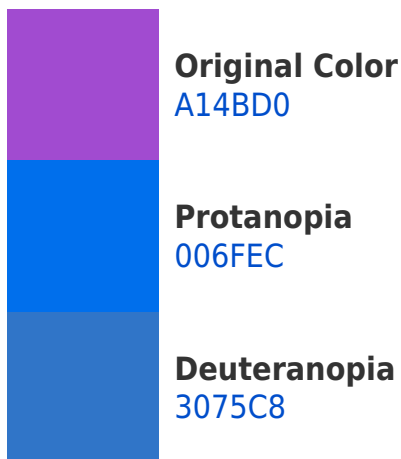


This preview shows how white text looks on a background with the Hex color A14BD0.

# 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](#).

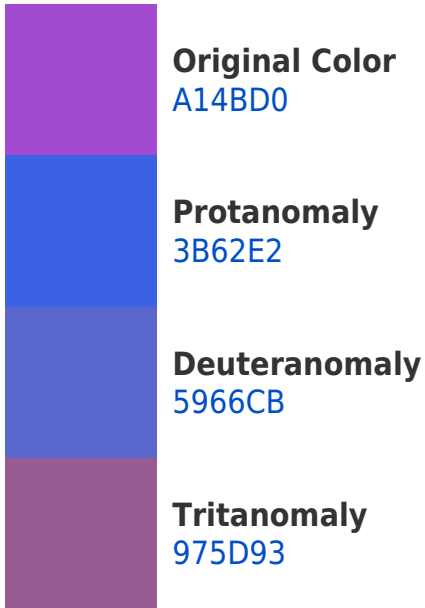
## Dichromacy



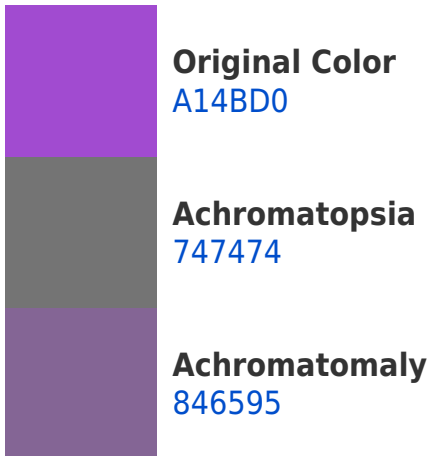


**Tritanopia**  
926870

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A14BD0 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 #A14BD0 looks like.

```
.text, #text, p{  
    color:#A14BD0  
}
```

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 #A14BD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A14BD0
}
```

## Border

The CSS property to change the border of an element to Hex A14BD0 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
#A14BD0 }
```

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

```
.border{ border-color:#A14BD0 }
```

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

Here you see how a box with a 4 pixel #A14BD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A14BD0; -webkit-box-shadow:4px 4px  
4px 4px #A14BD0; box-shadow:4px 4px 4px  
4px #A14BD0 }
```

# Background

The CSS property to change the background color of an element to Hex A14BD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A14BD0 }
```

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

```
.background{ background-color:#A14BD0 }
```

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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