

# Converting Colors

Hex(B14DA2)

Have a look what the booklet for  
Hex(B14DA2) contains.

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# Color

**Hex(B14DA2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B14DA2
RGB	177, 77, 162
RGB Percent	69%, 30%, 64%
CMY	0.3059, 0.6980, 0.3647
CMYK	0.00, 0.56, 0.08, 0.31
HSL	309°, 39%, 50%
HSV	309°, 56%, 69%
XYZ	27.3069, 17.2635, 36.0754
YIQ	116.5900, 32.3150, 47.6350

# Conversions

## Conversions Part 2

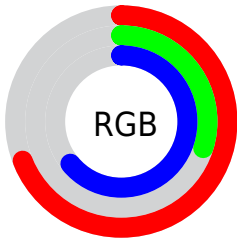
<b>Format</b>	<b>Color</b>
<b>RYB</b>	177, 77, 162
Decimal	11619746
CIELab	48.59, 51.52, -27.03
CIElCh	49, 58.178, 332.315
Yxy	17.2635, 0.3386, 0.2141
Android (android.graphics.Color)	4289809826 (0xFFB14DA2)
YUV	116.5900, 22.3871, 52.9796
Hunter-Lab	41.5494, 44.6017, -22.3942

# Details

The Hex color **B14DA2** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4DB15C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **EB83D9**, and **7A126E** is the 20% darker color. If you saturate the color by 10%, you get **B13B9F**, and if you desaturate by 10%, it is **B15FA5**.

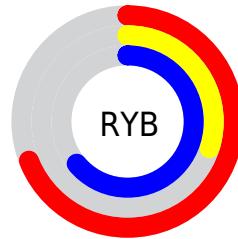
# Distribution



Red (69%)

Green (30%)

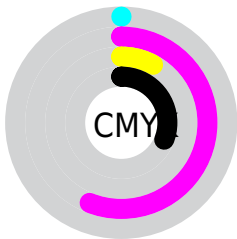
Blue (64%)



Red (69%)

Yellow (30%)

Blue (64%)

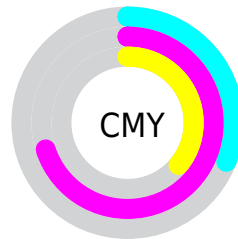


Cyan (0%)

Magenta (56%)

Yellow (8%)

Black (31%)



Cyan (31%)

Magenta (70%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B14DA2 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 B14DA2 by changing the saturation by 10% instead.



 B14DA2

 B14DA2

FFFFFF

 953288

 EB83D9

 7A126E

 FF9EF6

 5F0055

 FFBAFF

 45003E

 FFD7FF

 2E0028

 FFF4FF

 000011

 000000

 B14DA2

 B14DA2

 B13B9F

 B15FA5

 B12A9D

 B170A7

 B1189A

 B182AA

 B10697

 B194AD

 B10096

 B1A5AF

 B1B7B2

 B1C9B5

 B1DDB7

 B1ECBA

# Harmonies

## Analogous

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



7764C7



B14DA2



C93F72

# Triad

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



B14DA2



877200



0089A7

# Complementary

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



B14DA2



4DB15C

# 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.



008A76



B14DA2



557F11

# Square

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



B14DA2



AE5F15



008743



0084CA

# Rectangle

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



B14DA2



CA4451



008743



008A97



# Sweetspot

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



B14DA2



E6BEE0



5C4DB1



735C6F



F2F2F2



737373



# Same Dimension

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



B14DA2



E649CE



B14D70



595058



990082



1A0016



# Inverse Universe

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



B14DA2



E649CE



4DB18E



595058



990082



1A0016



# Previews

## White Background



This preview shows how the Hex color B14DA2 looks on a white background.

## Color Contrast Check

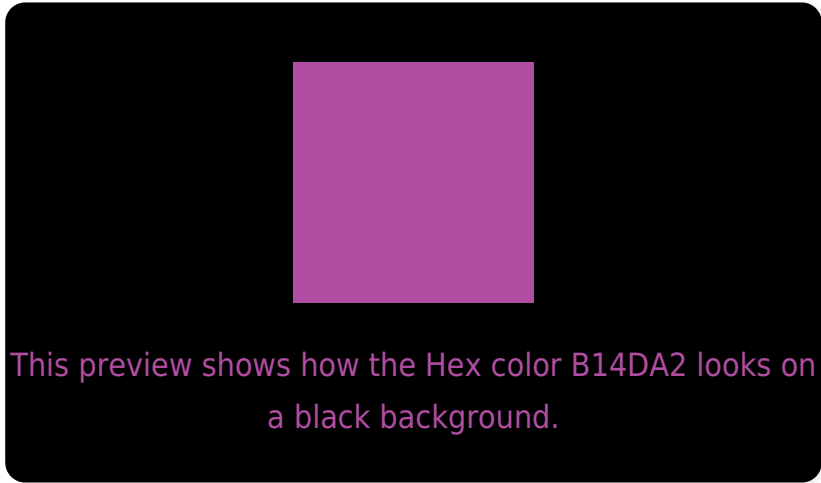
Large Text (above 18pt) WCAG AA ✓ Pass

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

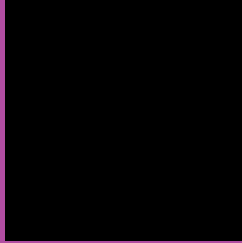
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B14DA2 Background



This preview shows how black text looks on a background with the Hex color B14DA2.

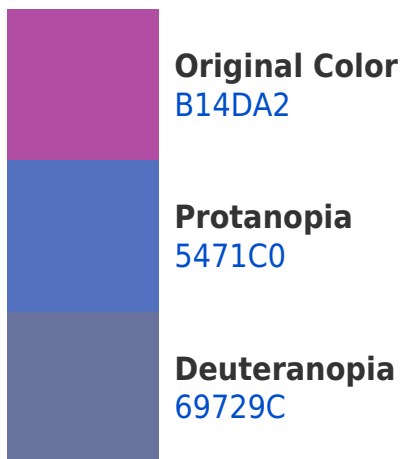



This preview shows how white text looks on a background with the Hex color B14DA2.

# 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**  
AA5D63

# Trichromacy



**Original Color**  
B14DA2



**Protanomaly**  
7664B5



**Deuteranomaly**  
83659E



**Tritanomaly**  
AD577A

# Monochromacy



**Original Color**  
B14DA2



**Achromatopsia**  
757575



**Achromatomaly**  
8B6685

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B14DA2 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 #B14DA2 looks like.

```
.text, #text, p{  
    color:#B14DA2  
}
```

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 #B14DA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B14DA2
}
```

## Border

The CSS property to change the border of an element to Hex B14DA2 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
#B14DA2 }
```

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

```
.border{ border-color:#B14DA2 }
```

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

Here you see how a box with a 4 pixel #B14DA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B14DA2; -webkit-box-shadow:4px 4px  
4px 4px #B14DA2; box-shadow:4px 4px 4px  
4px #B14DA2 }
```

# Background

The CSS property to change the background color of an element to Hex B14DA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B14DA2 }
```

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

```
.background{ background-color:#B14DA2 }
```

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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