

# Converting Colors

Hex(B14880)

Have a look what the booklet for  
Hex(B14880) contains.

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**Color**

**Hex(B14880)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B14880
RGB	177, 72, 128
RGB Percent	69%, 28%, 50%
CMY	0.3059, 0.7176, 0.4980
CMYK	0.00, 0.59, 0.28, 0.31
HSL	328°, 42%, 49%
HSV	328°, 59%, 69%
XYZ	24.3451, 15.5404, 22.1385
YIQ	109.7790, 44.6040, 39.6760

# Conversions

## Conversions Part 2

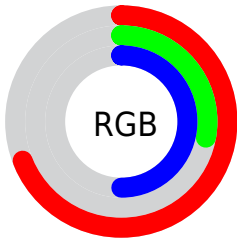
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	177, 72, 128
Decimal	11618432
CIE <sub>Lab</sub>	46.37, 48.72, -10.08
CIE <sub>LCh</sub>	46, 49.751, 348.313
Yxy	15.5404, 0.3925, 0.2506
Android (android.graphics.Color)	4289808512 (0xFFB14880)
YUV	109.7790, 8.9830, 58.9528
Hunter-Lab	39.4213, 41.2478, -5.7017

# Details

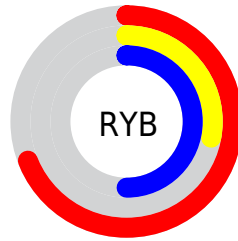
The Hex color **B14880** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **48B179**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **EB7DB5**, and **790B4F** is the 20% darker color. If you saturate the color by 10%, you get **B13678**, and if you desaturate by 10%, it is **B15A88**.

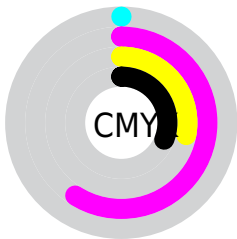
# Distribution



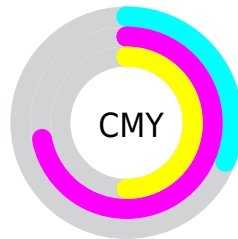
- Red (69%)
- Green (28%)
- Blue (50%)



- Red (69%)
- Yellow (28%)
- Blue (50%)



- Cyan (0%)
- Magenta (59%)
- Yellow (28%)
- Black (31%)



- Cyan (31%)
- Magenta (72%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B14880 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 B14880 by changing the saturation by 10% instead.



 B14880

 B14880

FFFFFF

 952D67

 EB7DB5

 790B4F

 FF99D0

 5E0038

 FFB5ED

 430023

 FFD1FF

 2C000B

 FFEEFF

 000000

 B14880

 B14880

 B13678

 B15A88

 B1256F

 B16B91

 B11367

 B17D99

 B1015F

 B18FA1

 B1005E

 B1A1A9

 B1B2B2

 B1C4BA

 B1D6C2

 B1E7CA

# Harmonies

## Analogous

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



9057A6



B14880



B94756

# Triad

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



B14880



6B7413



007FAB

# Complementary

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



B14880



48B179

# 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.



008287



B14880



387C33

# Square

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



B14880



916613



00815C



0077C0

# Rectangle

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



B14880



B34F3C



00815C



0080A1



# Sweetspot

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



B14880



E6BCD2



7948B1



735A67



F2F2F2



737373



# Same Dimension

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



B14880



E64399



B1484C



595055



990052



1A000E



# Inverse Universe

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



B14880



E64399



48B1AE



595055



990052



1A000E



# Previews

## White Background



This preview shows how the Hex color B14880 looks on a white background.

## Color Contrast Check

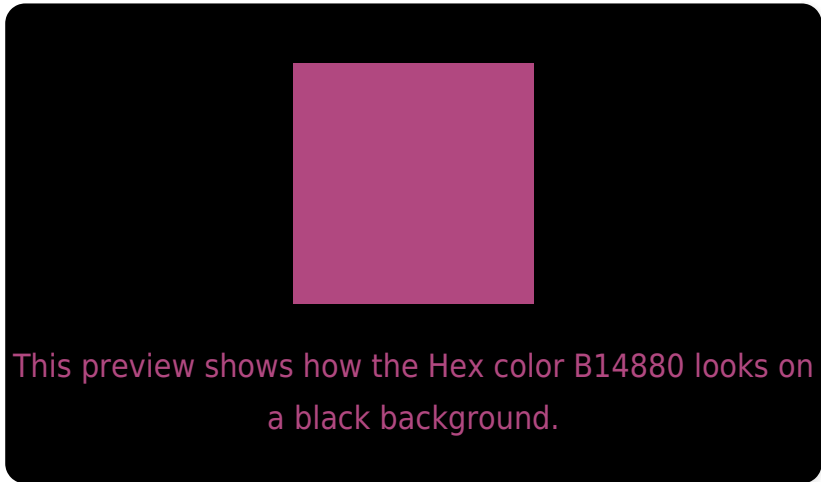
Large Text (above 18pt) WCAG AA ✓ Pass

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 B14880 Background



This preview shows how black text looks on a background with the Hex color B14880.

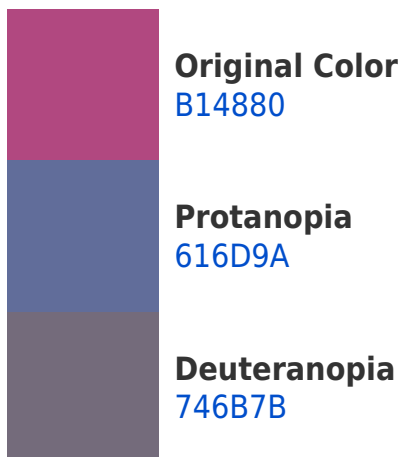


This preview shows how white text looks on a background with the Hex color B14880.

# 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





# Trichromacy



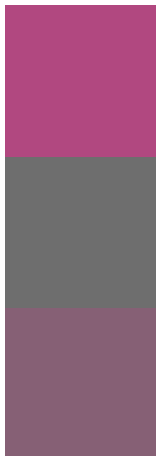
**Original Color**  
B14880

**Protanomaly**  
7E6091

**Deuteranomaly**  
8A5E7D

**Tritanomaly**  
AE4E66

# Monochromacy



**Original Color**  
B14880

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
866075

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B14880 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 #B14880 looks like.

```
.text, #text, p{  
  color:#B14880  
}
```

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 #B14880 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B14880
}
```

## Border

The CSS property to change the border of an element to Hex B14880 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
#B14880 }
```

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

```
.border{ border-color:#B14880 }
```

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

Here you see how a box with a 4 pixel #B14880 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B14880; -webkit-box-shadow:4px 4px  
4px 4px #B14880; box-shadow:4px 4px 4px  
4px #B14880 }
```

# Background

The CSS property to change the background color of an element to Hex B14880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B14880 }
```

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

```
.background{ background-color:#B14880 }
```

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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