

# Converting Colors

Hex(B14671)

Have a look what the booklet for  
Hex(B14671) contains.

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**Color**

**Hex(B14671)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B14671
RGB	177, 70, 113
RGB Percent	69%, 27%, 44%
CMY	0.3059, 0.7255, 0.5569
CMYK	0.00, 0.60, 0.36, 0.31
HSL	336°, 43%, 48%
HSV	336°, 60%, 69%
XYZ	23.3023, 14.9197, 17.2744
YIQ	106.8950, 49.9690, 36.0570

# Conversions

## Conversions Part 2

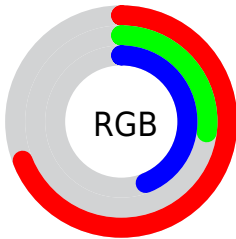
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	177, 70, 113
Decimal	11617905
CIE Lab	45.52, 47.75, -2.19
CIE LCh	46, 47.798, 357.368
Yxy	14.9197, 0.4199, 0.2688
Android (android.graphics.Color)	4289807985 (0xFFB14671)
YUV	106.8950, 3.0098, 61.4821
Hunter-Lab	38.6260, 40.0898, 0.5224

# Details

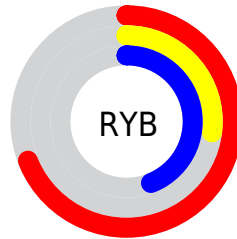
The Hex color **B14671** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **46B186**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **EC7BA5**, and **780841** is the 20% darker color. If you saturate the color by 10%, you get **B13466**, and if you desaturate by 10%, it is **B1587C**.

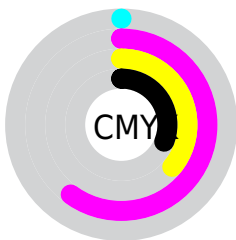
# Distribution



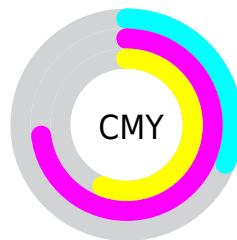
- Red (69%)
- Green (27%)
- Blue (44%)



- Red (69%)
- Yellow (27%)
- Blue (44%)



- Cyan (0%)
- Magenta (60%)
- Yellow (36%)
- Black (31%)



- Cyan (31%)
- Magenta (73%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B14671 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 B14671 by changing the saturation by 10% instead.



 B14671

 B14671

FFFFFF

 942B59

 EC7BA5

 780841

 FF97C0

 5D002B

 FFB2DC

 420017

 FFCFF8

 290001

 FFE8FF

 000000

 B14671

 B14671

 B13466

 B1587C

 B1235C

 B16986

 B11151

 B17B91

 B10047

 B18D9B

 B19FA6

 B1B0B1

 B1C2BB

 B1D4C6

 B1E5D0

# Harmonies

## Analogous

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



995197



B14671



B24A49

# Triad

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



B14671



5C741E



007BAF

# Complementary

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



B14671



46B186

# 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.



007E8F



B14671



227B3E

# Square

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



B14671



836912



007F67



0071BC

# Rectangle

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



B14671



A95432



007F67



007CA6



# Sweetspot

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



B14671



E6BCCD



8446B1



735A64



F2F2F2



737373



# Same Dimension

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



B14671



E63E81



B14F46



595054



99003D



1A000A



# Inverse Universe

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



B14671



E63E81



46A8B1



595054



99003D



1A000A



# Previews

## White Background



This preview shows how the Hex color B14671 looks on a white background.

## Color Contrast Check

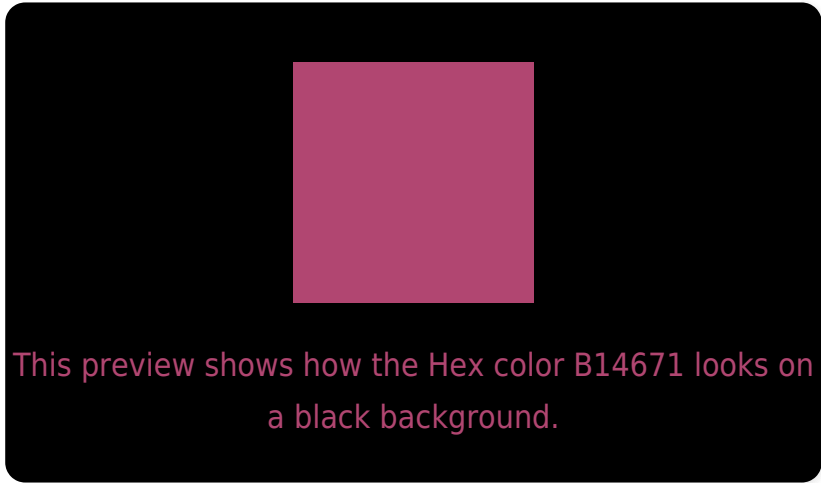
Large Text (above 18pt) WCAG AA ✓ Pass

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 B14671 Background



This preview shows how black text looks on a background with the Hex color B14671.

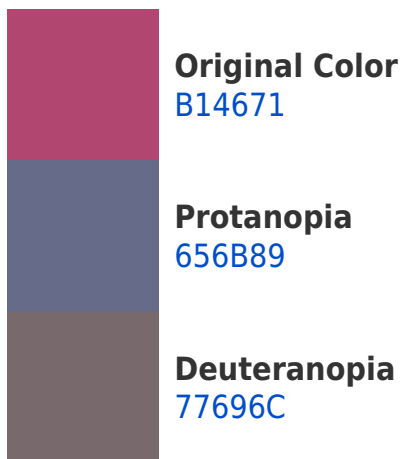


This preview shows how white text looks on a background with the Hex color B14671.

# 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](#).

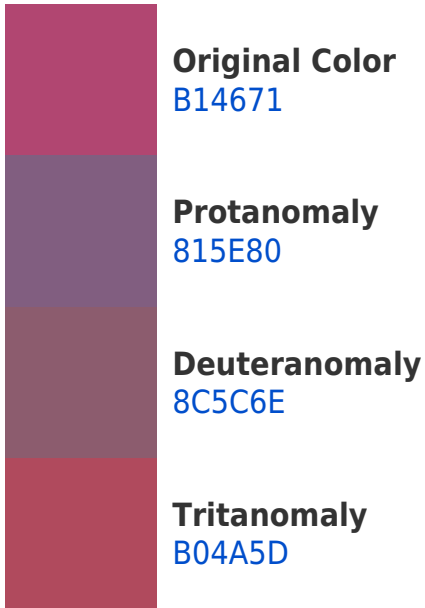
## Dichromacy



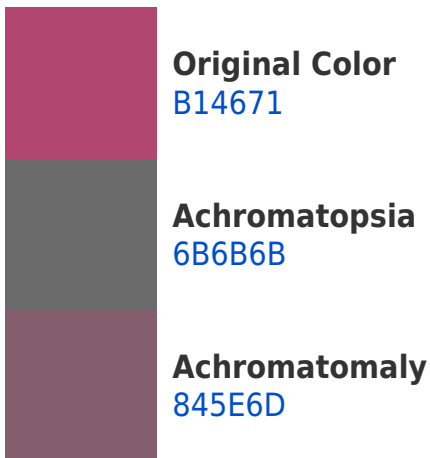


**Tritanopia**  
AF4D52

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B14671 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 #B14671 looks like.

```
.text, #text, p{  
    color:#B14671  
}
```

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 #B14671 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B14671
}
```

## Border

The CSS property to change the border of an element to Hex B14671 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
#B14671 }
```

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

```
.border{ border-color:#B14671 }
```

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

Here you see how a box with a 4 pixel #B14671 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B14671; -webkit-box-shadow:4px 4px  
4px 4px #B14671; box-shadow:4px 4px 4px  
4px #B14671 }
```

# Background

The CSS property to change the background color of an element to Hex B14671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B14671 }
```

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

```
.background{ background-color:#B14671 }
```

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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