

# Converting Colors

Hex(B64B72)

Have a look what the booklet for  
Hex(B64B72) contains.

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# Color

**Hex(B64B72)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B64B72
RGB	182, 75, 114
RGB Percent	71%, 29%, 45%
CMY	0.2863, 0.7059, 0.5529
CMYK	0.00, 0.59, 0.37, 0.29
HSL	338°, 42%, 50%
HSV	338°, 59%, 71%
XYZ	24.8447, 16.1921, 17.7355
YIQ	111.4390, 51.2530, 34.8130

# Conversions

## Conversions Part 2

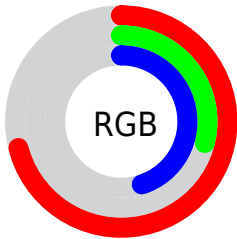
Format	Color
<a href="#">RYB</a>	<a href="#">182, 75, 114</a>
Decimal	<a href="#">11946866</a>
CIELab	<a href="#">47.23, 47.17, -0.22</a>
CIELCh	<a href="#">47, 47.171, 359.738</a>
Yxy	<a href="#">16.1921, 0.4227, 0.2755</a>
Android (android.graphics.Color)	<a href="#">4290136946</a> ( <a href="#">0xFFB64B72</a> )
YUV	<a href="#">111.4390, 1.2626, 61.8820</a>
Hunter-Lab	<a href="#">40.2395, 39.7908, 2.0356</a>

# Details

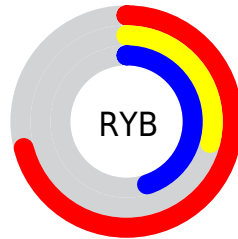
The Hex color **B64B72** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **4BB68F**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **F180A6**, and **7D1142** is the 20% darker color. If you saturate the color by 10%, you get **B63966**, and if you desaturate by 10%, it is **B65D7E**.

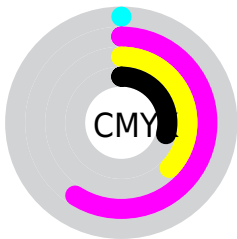
# Distribution



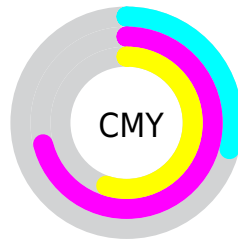
- Red (71%)
- Green (29%)
- Blue (45%)



- Red (71%)
- Yellow (29%)
- Blue (45%)



- Cyan (0%)
- Magenta (59%)
- Yellow (37%)
- Black (29%)



- Cyan (29%)
- Magenta (71%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B64B72 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 B64B72 by changing the saturation by 10% instead.



 B64B72

 B64B72

FFFFFF

 99305A

 F180A6

 7D1142

 FF9CC1

 62002C

 FFB7DD

 460018

 FFD4F9

 2E0002

 FFF1FF

 000000

 B64B72

 B64B72

 B63966

 B65D7E

 B6275B

 B66F89

 B6144F

 B68295

 B60244

 B694A0

 B60042

 B6A6AC

 B6B8B7

 B6CAC3

 B6DDCF

 B6EFDA

# Harmonies

## Analogous

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



A05599



B64B72



B6504B

# Triad

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



B64B72



5E7925



007EB4

# Complementary

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



B64B72



4BB68F

# 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.



008396



B64B72



228046

# Square

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



B64B72



856E19



00836E



0075BF

# Rectangle

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



B64B72



AC5934



00836E



0080AC



# Sweetspot

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



B64B72



EDC2D2



8F4BB6



785D67



F7F7F7



787878



# Same Dimension

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



B64B72



ED4582



B6594B



5C5356



9C0039



1C000A



# Inverse Universe

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



B64B72



ED4582



4BA8B6



5C5356



9C0039



1C000A



# Previews

## White Background



This preview shows how the Hex color B64B72 looks on a white background.

## Color Contrast Check

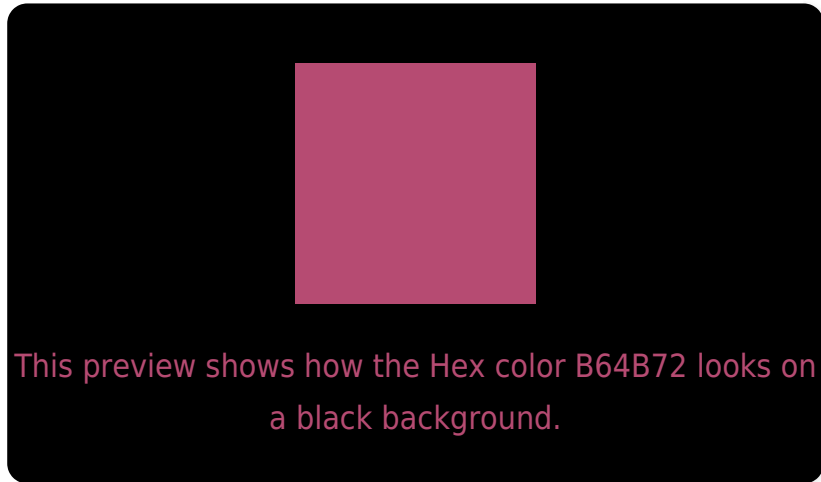
Large Text (above 18pt) WCAG AA ✓ Pass

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 B64B72 Background



This preview shows how black text looks on a background with the Hex color B64B72.



This preview shows how white text looks on a background with the Hex color B64B72.

# 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



**Original Color**  
B64B72

**Protanopia**  
6B7088

**Deuteranopia**  
7D6D6D



# Trichromacy



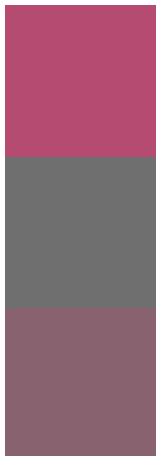
**Original Color**  
B64B72

**Protanomaly**  
866380

**Deuteranomaly**  
92616F

**Tritanomaly**  
B54F60

# Monochromacy



**Original Color**  
B64B72

**Achromatopsia**  
6F6F6F

**Achromatomaly**  
896270

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B64B72 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 #B64B72 looks like.

```
.text, #text, p{  
    color:#B64B72  
}
```

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 #B64B72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B64B72
}
```

## Border

The CSS property to change the border of an element to Hex B64B72 is called "border". The border property can be set on classes, ids or directly on the HTML element.

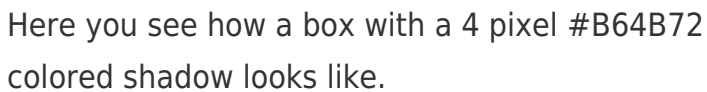
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B64B72 }
```

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

```
.border{ border-color:#B64B72 }
```

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



Here you see how a box with a 4 pixel `#B64B72` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B64B72; -webkit-box-shadow:4px 4px  
4px 4px #B64B72; box-shadow:4px 4px 4px  
4px #B64B72 }
```

# Background

The CSS property to change the background color of an element to Hex B64B72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B64B72 }
```

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

```
.background{ background-color:#B64B72 }
```

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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