

# Converting Colors

Hex(B64062)

Have a look what the booklet for  
Hex(B64062) contains.

<b>Hex(B64062)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(B64062)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B64062</a>
RGB	<a href="#">182, 64, 98</a>
RGB Percent	<a href="#">71%, 25%, 38%</a>
CMY	<a href="#">0.2863, 0.7490, 0.6157</a>
CMYK	<a href="#">0.00, 0.65, 0.46, 0.29</a>
HSL	<a href="#">343°, 48%, 48%</a>
HSV	<a href="#">343°, 65%, 71%</a>
XYZ	<a href="#">23.3294, 14.4937, 13.1232</a>
YIQ	<a href="#">103.1580, 59.4140, 35.5900</a>

# Conversions

## Conversions Part 2

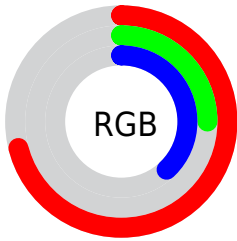
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 64, 98
Decimal	11944034
CIE <sub>Lab</sub>	44.93, 50.42, 6.26
CIE <sub>LCh</sub>	45, 50.804, 7.083
Yxy	14.4937, 0.4579, 0.2845
Android (android.graphics.Color)	4290134114 (0xFFB64062)
YUV	103.1580, -2.5429, 69.1444
Hunter-Lab	38.0706, 42.7600, 6.2117

# Details

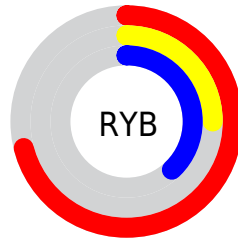
The Hex color **B64062** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **40B694**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **F27694**, and **7C0034** is the 20% darker color. If you saturate the color by 10%, you get **B62E55**, and if you desaturate by 10%, it is **B6526F**.

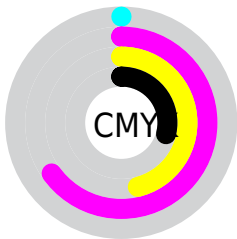
# Distribution



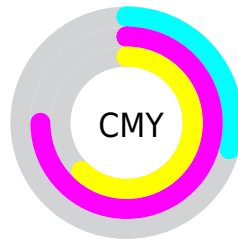
- Red (71%)
- Green (25%)
- Blue (38%)



- Red (71%)
- Yellow (25%)
- Blue (38%)



- Cyan (0%)
- Magenta (65%)
- Yellow (46%)
- Black (29%)



- Cyan (29%)
- Magenta (75%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B64062 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 B64062 by changing the saturation by 10% instead.



 B64062

 B64062

FFFFFF

 99234A

 F27694

 7C0034

 FF91AF

 60001F

 FFADCA

 450006

 FFCAE6

 290001

 FFE7FF

 000000

 B64062

 B64062

 B62E55

 B6526F

 B61C48


 B6647C

 B6093B

 B67789

 B60034

 B68996

 B69BA3

 B6ADB0

 B6BFBD

 B6D2CA

 B6E4D7

# Harmonies

## Analogous

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



A5488C



B64062



B04A39

# Triad

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



B64062



497620



0077B8

# Complementary

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



B64062



40B694

# 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.



007D9C



B64062



007C47

# Square

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



B64062



766C03



007E73



046CBF

# Rectangle

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



B64062



A25622



007E73



007AB1



# Sweetspot

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



B64062



EDC0CD



9340B6



785C64



F7F7F7



787878



# Same Dimension

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



B64062



ED3469



B65840



5C5355



9C002D



1C0008



# Inverse Universe

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



B64062



ED3469



409EB6



5C5355



9C002D



1C0008



# Previews

## White Background



This preview shows how the Hex color B64062 looks on a white background.

## Color Contrast Check

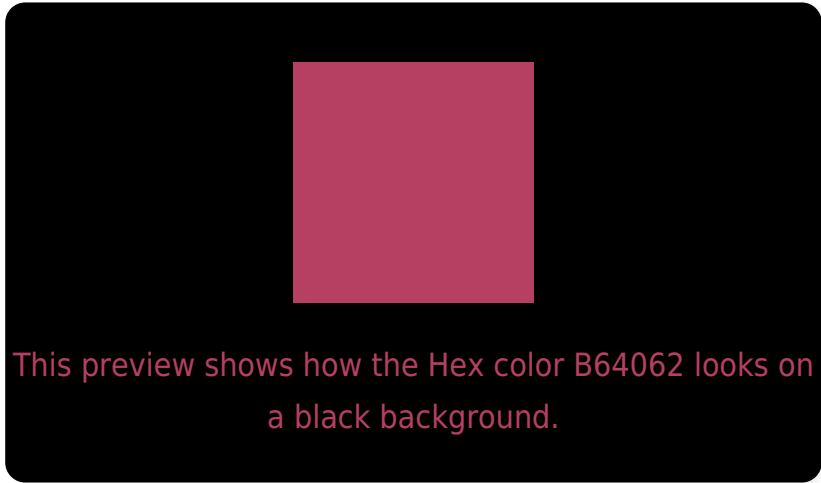
Large Text (above 18pt) WCAG AA ✓ Pass

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

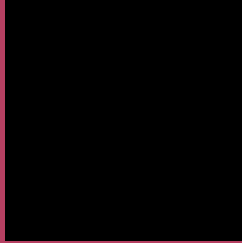
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B64062 Background



This preview shows how black text looks on a background with the Hex color B64062.




This preview shows how white text looks on a background with the Hex color B64062.

# 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**  
B44549

# Trichromacy



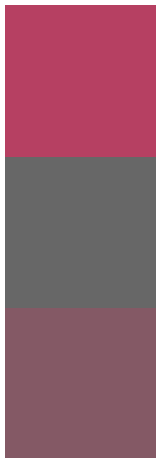
**Original Color**  
B64062

**Protanomaly**  
855B71

**Deuteranomaly**  
90595E

**Tritanomaly**  
B54352

# Monochromacy



**Original Color**  
B64062

**Achromatopsia**  
676767

**Achromatomaly**  
845965

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B64062 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 #B64062 looks like.

```
.text, #text, p{  
    color:#B64062  
}
```

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 #B64062 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B64062
}
```

## Border

The CSS property to change the border of an element to Hex B64062 is called "border". The border property can be set on classes, ids or directly on the HTML element.

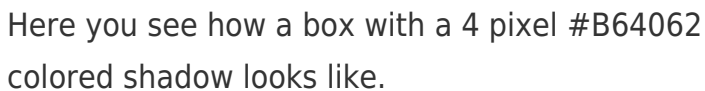
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B64062 }
```

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

```
.border{ border-color:#B64062 }
```

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



Here you see how a box with a 4 pixel #B64062 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B64062; -webkit-box-shadow:4px 4px  
4px 4px #B64062; box-shadow:4px 4px 4px  
4px #B64062 }
```

# Background

The CSS property to change the background color of an element to Hex B64062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B64062 }
```

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

```
.background{ background-color:#B64062 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor