

# Converting Colors

Hex(B64B56)

Have a look what the booklet for  
Hex(B64B56) contains.

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# Color

**Hex(B64B56)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B64B56
RGB	182, 75, 86
RGB Percent	71%, 29%, 34%
CMY	0.2863, 0.7059, 0.6627
CMYK	0.00, 0.59, 0.53, 0.29
HSL	354°, 42%, 50%
HSV	354°, 59%, 71%
XYZ	23.4872, 15.6491, 10.5868
YIQ	108.2470, 60.2410, 26.1050

# Conversions

## Conversions Part 2

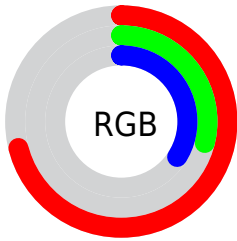
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 75, 86
Decimal	11946838
CIE <sub>Lab</sub>	46.51, 44.32, 15.81
CIE <sub>LCh</sub>	47, 47.055, 19.633
Yxy	15.6491, 0.4724, 0.3147
Android (android.graphics.Color)	4290136918 (0xFFB64B56)
YUV	108.2470, -10.9678, 64.6814
Hunter-Lab	39.5590, 36.7519, 11.8241

# Details

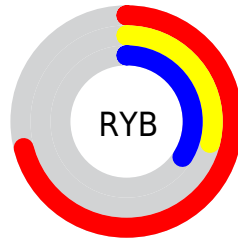
The Hex color **B64B56** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **4BB6AB**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **F28088**, and **7C1329** is the 20% darker color. If you saturate the color by 10%, you get **B63946**, and if you desaturate by 10%, it is **B65D66**.

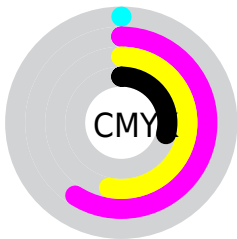
# Distribution



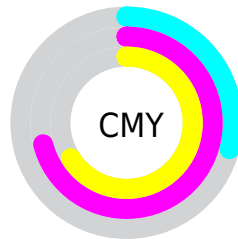
- Red (71%)
- Green (29%)
- Blue (34%)



- Red (71%)
- Yellow (29%)
- Blue (34%)



- Cyan (0%)
- Magenta (59%)
- Yellow (53%)
- Black (29%)



- Cyan (29%)
- Magenta (71%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B64B56 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 B64B56 by changing the saturation by 10% instead.



 B64B56

 B64B56

FFFFFF

 99313F

 F28088

 7C1329

 FF9BA2

 600015

 FFB7BD

 440000

 FFD3D9

 2A0001

 FFF0F5

 000000

 B64B56

 B64B56

 B63946

 B65D66


 B62735

 B66F77

 B61425

 B68287

 B60215

 B69497

 B60013

 B6A6A8

 B6B8B8

 B6CAC8

 B6DDD9

 B6EFE9

# Harmonies

## Analogous

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



AF4B7E



B64B56



A95833

# Triad

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



B64B56



3A7C38



0077BC

# Complementary

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



B64B56



4BB6AB

# 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.



007EAA



B64B56



00805F

# Square

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



B64B56



6A741C



008188



5669B9

# Rectangle

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



B64B56



996221



008188



007AB8



# Sweetspot

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



B64B56



EDC2C7



AA4BB6



785D60



F7F7F7



787878



# Same Dimension

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



B64B56



ED4556



B6744B



5C5354



9C0010



1C0003



# Inverse Universe

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



B64B56



ED4556



4B8DB6



5C5354



9C0010



1C0003



# Previews

## White Background



This preview shows how the Hex color B64B56 looks on a white background.

## Color Contrast Check

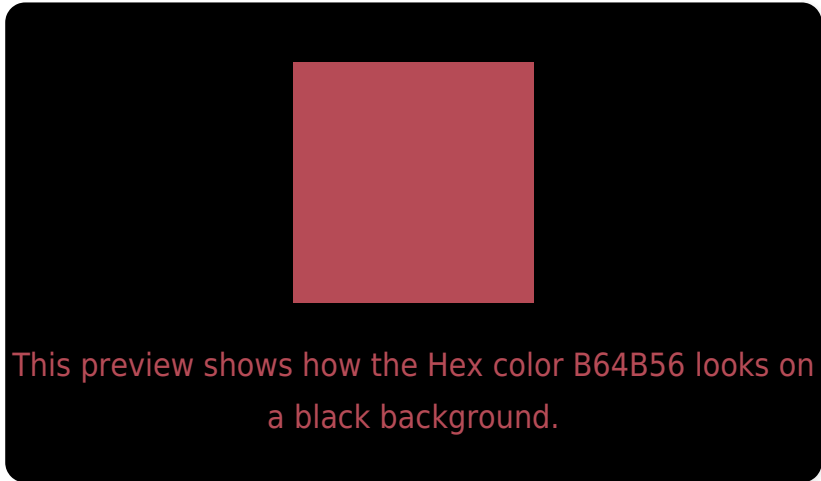
Large Text (above 18pt) WCAG AA ✓ Pass

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 B64B56 Background



This preview shows how black text looks on a background with the Hex color B64B56.

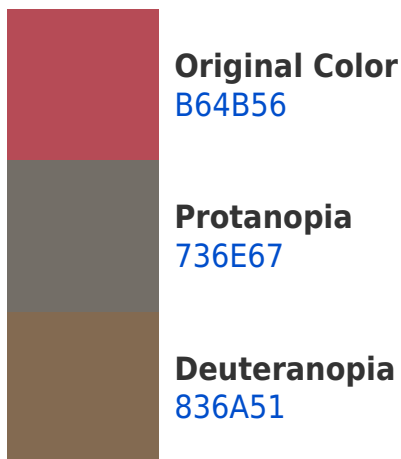


This preview shows how white text looks on a background with the Hex color B64B56.

# 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**  
B64C51

# Trichromacy



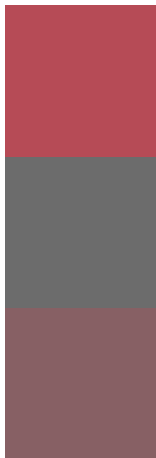
**Original Color**  
B64B56

**Protanomaly**  
8B6161

**Deuteranomaly**  
965F53

**Tritanomaly**  
B64C53

# Monochromacy



**Original Color**  
B64B56

**Achromatopsia**  
6C6C6C

**Achromatomaly**  
876064

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B64B56 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 #B64B56 looks like.

```
.text, #text, p{  
    color:#B64B56  
}
```

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 #B64B56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B64B56
}
```

## Border

The CSS property to change the border of an element to Hex B64B56 is called "border". The border property can be set on classes, ids or directly on the HTML element.

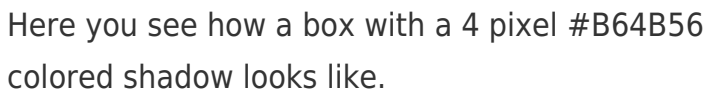
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B64B56 }
```

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

```
.border{ border-color:#B64B56 }
```

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



Here you see how a box with a 4 pixel #B64B56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B64B56; -webkit-box-shadow:4px 4px  
4px 4px #B64B56; box-shadow:4px 4px 4px  
4px #B64B56 }
```

# Background

The CSS property to change the background color of an element to Hex B64B56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B64B56 }
```

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

```
.background{ background-color:#B64B56 }
```

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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