

# Converting Colors

Hex(B63052)

Have a look what the booklet for  
Hex(B63052) contains.

<b>Hex(B63052)</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(B63052)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B63052
RGB	182, 48, 82
RGB Percent	71%, 19%, 32%
CMY	0.2863, 0.8118, 0.6784
CMYK	0.00, 0.74, 0.55, 0.29
HSL	345°, 58%, 45%
HSV	345°, 74%, 71%
XYZ	21.8713, 12.6682, 9.2751
YIQ	91.9420, 68.9500, 38.9820

# Conversions

## Conversions Part 2

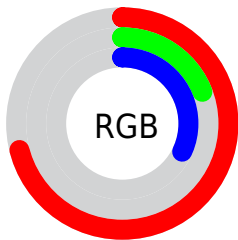
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 48, 82
Decimal	11939922
CIE Lab	42.26, 55.28, 12.45
CIE LCh	42, 56.663, 12.689
Yxy	12.6682, 0.4992, 0.2891
Android (android.graphics.Color)	4290130002 (0xFFB63052)
YUV	91.9420, -4.9014, 78.9809
Hunter-Lab	35.5924, 47.4007, 9.4642

# Details

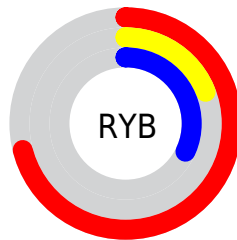
The Hex color **B63052** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **30B694**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **F36983**, and **7B0026** is the 20% darker color. If you saturate the color by 10%, you get **B61E44**, and if you desaturate by 10%, it is **B64260**.

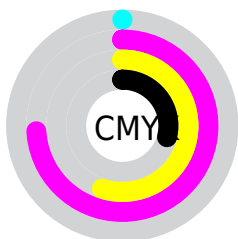
# Distribution



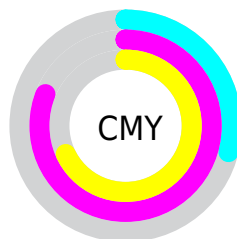
- Red (71%)
- Green (19%)
- Blue (32%)



- Red (71%)
- Yellow (19%)
- Blue (32%)



- Cyan (0%)
- Magenta (74%)
- Yellow (55%)
- Black (29%)



- Cyan (29%)
- Magenta (81%)
- Yellow (68%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B63052 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 B63052 by changing the saturation by 10% instead.



 B63052

 B63052

FFFFFF

 98093B

 F36983

 7B0026

 FF849D

 5E0011

 FFA0B8

 430002

 FFBDD4

 240001

 FFDAF0

 000000

 FFF7FF

 B63052

 B63052

 B61E44

 B64260

 B60C37

 B6546D

 B6002E

 B6677B

 B67988

 B68B96

 B69DA3

 B6AFB1

 B6C2BF

 B6D4CC

# Harmonies

## Analogous

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



A93681



B63052



AB4226

# Triad

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



B63052



2F7215



0071BD

# Complementary

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



B63052



30B694

# 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.



0077A2



B63052



007746

# Square

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



B63052



666800



007977



0063C0

# Rectangle

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



B63052



9A5104



007977



0073B7



# Sweetspot

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



B63052



EDB9C6



9230B6



785961



F7F7F7



787878



# Same Dimension

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



B63052



ED1C51



B64F30



5C5355



9C0027



1C0007



# Inverse Universe

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



B63052



ED1C51



3097B6



5C5355



9C0027



1C0007



# Previews

## White Background



This preview shows how the Hex color B63052 looks on a white background.

## Color Contrast Check

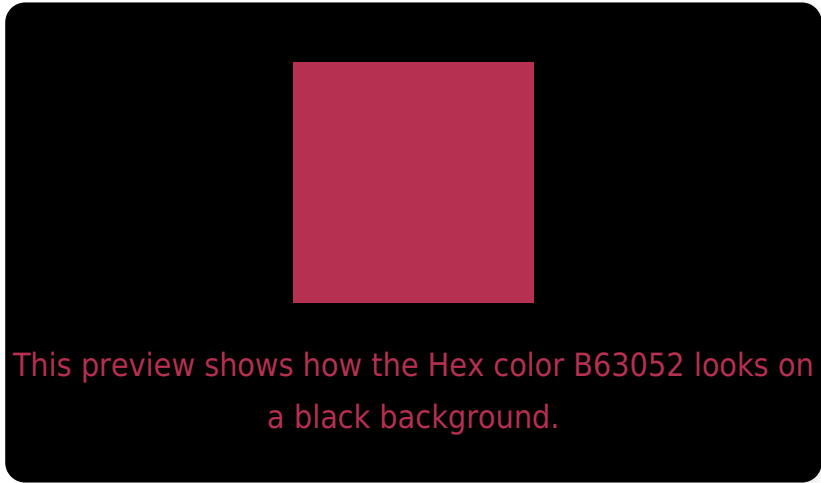
Large Text (above 18pt) WCAG AA ✓ Pass

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 B63052 Background



This preview shows how black text looks on a background with the Hex color B63052.



This preview shows how white text looks on a background with the Hex color B63052.

# 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



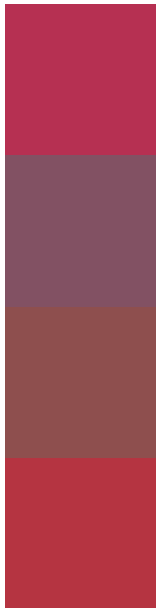
**Original Color**  
B63052

**Protanopia**  
64646C

**Deuteranopia**  
77614B



# Trichromacy



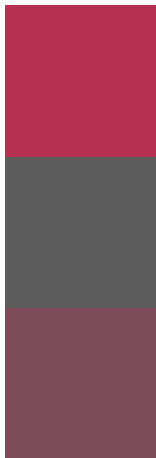
**Original Color**  
B63052

**Protanomaly**  
825163

**Deuteranomaly**  
8E4F4E

**Tritanomaly**  
B53441

# Monochromacy



**Original Color**  
B63052

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
7D4C58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B63052 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 #B63052 looks like.

```
.text, #text, p{  
    color:#B63052  
}
```

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 #B63052 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B63052
}
```

## Border

The CSS property to change the border of an element to Hex B63052 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
#B63052 }
```

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

```
.border{ border-color:#B63052 }
```

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

Here you see how a box with a 4 pixel #B63052 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B63052; -webkit-box-shadow:4px 4px  
4px 4px #B63052; box-shadow:4px 4px 4px  
4px #B63052 }
```

# Background

The CSS property to change the background color of an element to Hex B63052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B63052 }
```

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

```
.background{ background-color:#B63052 }
```

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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