

# Converting Colors

Hex(B63E55)

Have a look what the booklet for  
Hex(B63E55) contains.

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# Color

Hex(B63E55)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B63E55</a>
RGB	<a href="#">182, 62, 85</a>
RGB Percent	<a href="#">71%, 24%, 33%</a>
CMY	<a href="#">0.2863, 0.7569, 0.6667</a>
CMYK	<a href="#">0.00, 0.66, 0.53, 0.29</a>
HSL	<a href="#">348°, 49%, 48%</a>
HSV	<a href="#">348°, 66%, 71%</a>
XYZ	<a href="#">22.6537, 14.0462, 10.1115</a>
YIQ	<a href="#">100.5020, 64.1370, 32.5930</a>

# Conversions

## Conversions Part 2

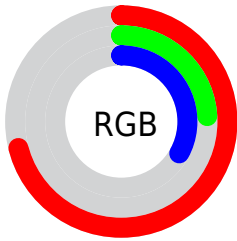
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	182, 62, 85
Decimal	11943509
CIE <sub>Lab</sub>	44.30, 50.10, 13.39
CIE <sub>LCh</sub>	44, 51.856, 14.969
Yxy	14.0462, 0.4839, 0.3001
Android (android.graphics.Color)	4290133589 (0xFFB63E55)
YUV	100.5020, -7.6425, 71.4737
Hunter-Lab	37.4783, 42.3072, 10.2385

# Details

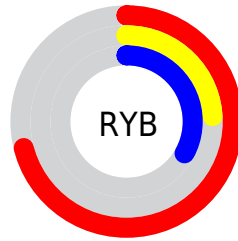
The Hex color **B63E55** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **3EB69F**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **F27486**, and **7B0028** is the 20% darker color. If you saturate the color by 10%, you get **B62C46**, and if you desaturate by 10%, it is **B65064**.

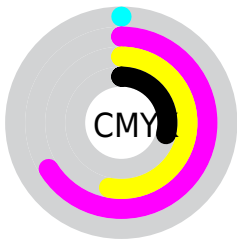
# Distribution



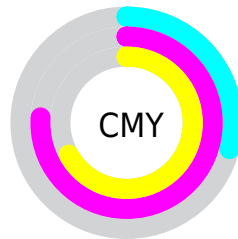
- Red (71%)
- Green (24%)
- Blue (33%)



- Red (71%)
- Yellow (24%)
- Blue (33%)



- Cyan (0%)
- Magenta (66%)
- Yellow (53%)
- Black (29%)



- Cyan (29%)
- Magenta (76%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B63E55 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 B63E55 by changing the saturation by 10% instead.



 B63E55

 B63E55

FFFFFF

 99213E

 F27486

 7B0028

 FF8FA1

 5F0014

 FFABBB

 430000

 FFC8D7

 270001

 FFE4F4

 000000

 B63E55

 B63E55

 B62C46

 B65064

 B61A38


 B66272

 B60729

 B67581

 B60023

 B68790

 B6999F

 B6ABAD

 B6BDBC

 B6D0CB

 B6E2D9

# Harmonies

## Analogous

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



AB4180



B63E55



AB4C2D

# Triad

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



B63E55



377727



0074BC

# Complementary

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



B63E55



3EB69F

# 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.



007BA5



B63E55



007B51

# Square

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



B63E55



696D01



007D7E



3866BD

# Rectangle

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



B63E55



9A5915



007D7E



0077B7



# Sweetspot

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



B63E55



EDBEC7



9E3EB6



785B61



F7F7F7



787878



# Same Dimension

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



B63E55



ED3256



B6623E



5C5354



9C001E



1C0005



# Inverse Universe

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



B63E55



ED3256



3E92B6



5C5354



9C001E



1C0005



# Previews

## White Background



This preview shows how the Hex color B63E55 looks on a white background.

## Color Contrast Check

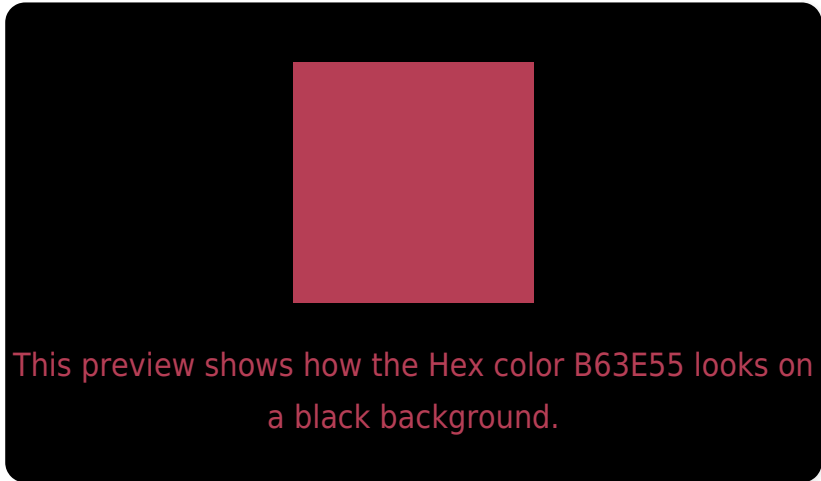
Large Text (above 18pt) WCAG AA ✓ Pass

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 B63E55 Background



This preview shows how black text looks on a background with the Hex color B63E55.



This preview shows how white text looks on a background with the Hex color B63E55.

# 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**  
B63E55

**Protanopia**  
6B696B

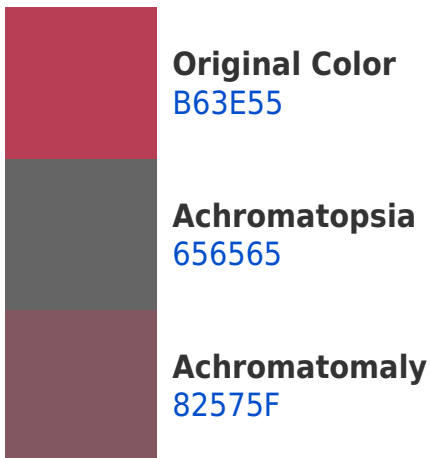
**Deuteranopia**  
7C654F



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B63E55 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 #B63E55 looks like.

```
.text, #text, p{  
    color:#B63E55  
}
```

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 #B63E55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B63E55
}
```

## Border

The CSS property to change the border of an element to Hex B63E55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

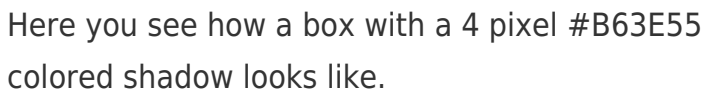
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B63E55 }
```

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

```
.border{ border-color:#B63E55 }
```

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



Here you see how a box with a 4 pixel #B63E55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B63E55; -webkit-box-shadow:4px 4px  
4px 4px #B63E55; box-shadow:4px 4px 4px  
4px #B63E55 }
```

# Background

The CSS property to change the background color of an element to Hex B63E55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B63E55 }
```

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

```
.background{ background-color:#B63E55 }
```

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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