

# Converting Colors

Hex(623B60)

Have a look what the booklet for  
Hex(623B60) contains.

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# Color

**Hex(623B60)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	623B60
RGB	98, 59, 96
RGB Percent	38%, 23%, 38%
CMY	0.6157, 0.7686, 0.6235
CMYK	0.00, 0.40, 0.02, 0.62
HSL	303°, 25%, 31%
HSV	303°, 40%, 38%
XYZ	8.7123, 6.5691, 11.8751
YIQ	74.8790, 11.3670, 19.7750

# Conversions

## Conversions Part 2

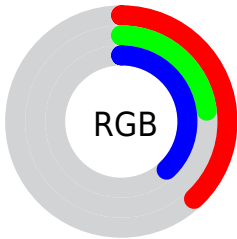
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	98, 59, 96
Decimal	6437728
CIE Lab	30.81, 23.70, -14.86
CIE LCh	31, 27.968, 327.912
Yxy	6.5691, 0.3208, 0.2419
Android (android.graphics.Color)	4284627808 (0xFF623B60)
YUV	74.8790, 10.4127, 20.2771
Hunter-Lab	25.6303, 15.8229, -9.5292

# Details

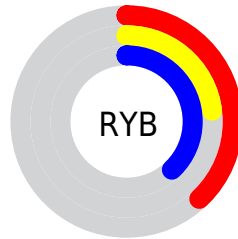
The Hex color **623B60** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3B623D**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **966B93**, and **320E32** is the 20% darker color. If you saturate the color by 10%, you get **62315F**, and if you desaturate by 10%, it is **624561**.

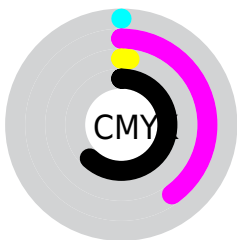
# Distribution



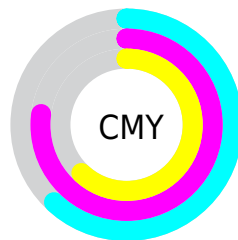
- Red (38%)
- Green (23%)
- Blue (38%)



- Red (38%)
- Yellow (23%)
- Blue (38%)



- Cyan (0%)
- Magenta (40%)
- Yellow (2%)
- Black (62%)



- Cyan (62%)
- Magenta (77%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 623B60 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 623B60 by changing the saturation by 10% instead.





623B60



623B60

FFFFFF



4A2448



966B93



320E32



B185AD



20001D



CC9FC9



000000



E9BAE5



FFD6FF



FFF3FF



623B60



623B60



62315F



624561

62275F

624F61

621E5E

625862

62145E

626262

620A5D

626C63

62005D

627663

628064

628964

629365

# Harmonies

## Analogous

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



47436F



623B60



70364B

# Triad

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



623B60



57471B



00535C

# Complementary

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



623B60



3B623D

# 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.



005346



623B60



414D20

# Square

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



623B60



673F24



255130



00516D

# Rectangle

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



623B60



72373C



255130



005455



# Sweetspot

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



623B60



80707F



3D3B62



40373F



BFBFBF



404040



# Same Dimension

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



623B60



80427C



623B4D



302C30



70006A



F000E3



# Inverse Universe

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



623B60



80427C



3B6250



302C30



70006A

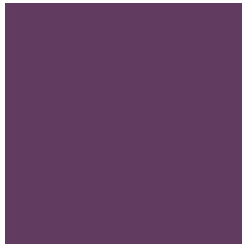


F000E3



# Previews

## White Background



This preview shows how the Hex color 623B60 looks on a white background.

## Color Contrast Check

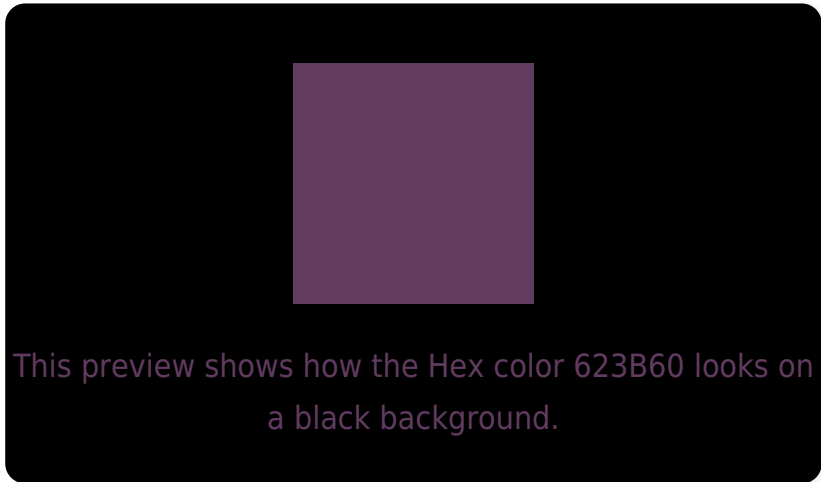
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

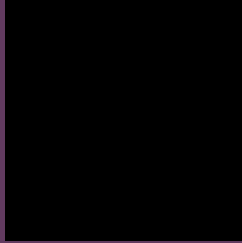
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 623B60 Background



This preview shows how black text looks on a background with the Hex color 623B60.

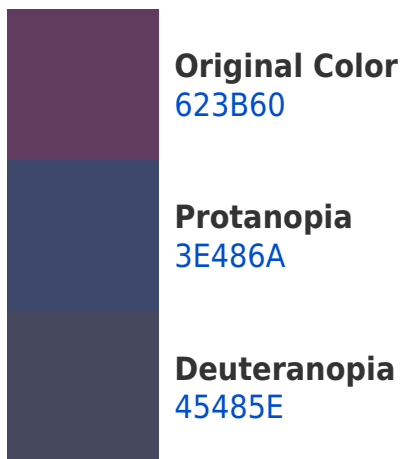



This preview shows how white text looks on a background with the Hex color 623B60.

# 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**  
5F4146

# Trichromacy



**Original Color**

623B60

**Protanomaly**

4B4366

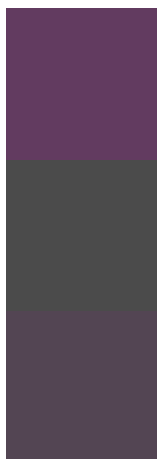
**Deuteranomaly**

50435F

**Tritanomaly**

603F4F

# Monochromacy



**Original Color**

623B60

**Achromatopsia**

4B4B4B

**Achromatomaly**

534553

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 623B60 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 #623B60 looks like.

```
.text, #text, p{  
    color:#623B60  
}
```

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 #623B60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #623B60  
}
```

## Border

The CSS property to change the border of an element to Hex 623B60 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  
#623B60 }
```

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

```
.border{ border-color:#623B60 }
```

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

Here you see how a box with a 4 pixel #623B60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #623B60; -webkit-box-shadow:4px 4px  
4px 4px #623B60; box-shadow:4px 4px 4px  
4px #623B60 }
```

# Background

The CSS property to change the background color of an element to Hex 623B60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#623B60 }
```

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

```
.background{ background-color:#623B60 }
```

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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