

# Converting Colors

Hex(623762)

Have a look what the booklet for  
Hex(623762) contains.

<b>Hex(623762)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(623762)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	623762
RGB	98, 55, 98
RGB Percent	38%, 22%, 38%
CMY	0.6157, 0.7843, 0.6157
CMYK	0.00, 0.44, 0.00, 0.62
HSL	300°, 28%, 30%
HSV	300°, 44%, 38%
XYZ	8.6078, 6.2109, 12.3004
YIQ	72.7590, 11.8250, 22.4890

# Conversions

## Conversions Part 2

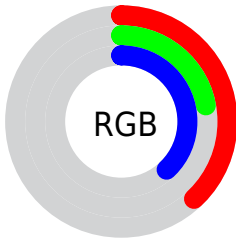
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 55, 98
Decimal	6436706
CIE Lab	29.94, 26.53, -17.48
CIE LCh	30, 31.767, 326.618
Yxy	6.2109, 0.3174, 0.2290
Android (android.graphics.Color)	4284626786 (0xFF623762)
YUV	72.7590, 12.4438, 22.1364
Hunter-Lab	24.9217, 18.0400, -11.8182

# Details

The Hex color **623762** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **376237**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **966795**, and **320933** is the 20% darker color. If you saturate the color by 10%, you get **622D62**, and if you desaturate by 10%, it is **624162**.

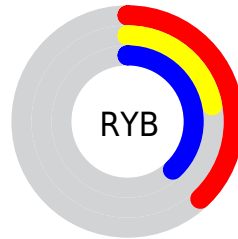
# Distribution



Red (38%)

Green (22%)

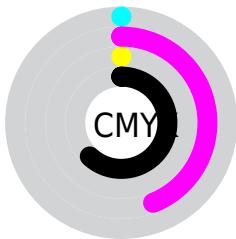
Blue (38%)



Red (38%)

Yellow (22%)

Blue (38%)

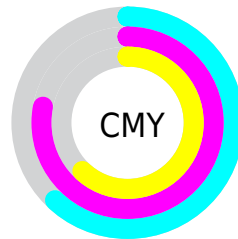


Cyan (0%)

Magenta (44%)

Yellow (0%)

Black (62%)



Cyan (62%)

Magenta (78%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 623762 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 623762 by changing the saturation by 10% instead.



623762

623762

FFFFFF

49204A

966795

320933

B181B0

20001F

CD9BCB

000000

E9B6E7

FFD2FF

FFEEFF

623762

623762

622D62

624162

622362

624B62

621A62

625462

621062

625E62

620662

626862

620062

627262

627C62

628562

628F62

# Harmonies

## Analogous

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



434173



623762



72314A

# Triad

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



623762



564412



00525C

# Complementary

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



623762



376237

# 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.



005243



623762



3E4C17

# Square

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



623762



693B1D



1E502A



00506F

# Rectangle

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



623762



74313A



1E502A



005354



# Sweetspot

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



623762



806F80



373762



403640



BFBFBF



404040



# Same Dimension

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



623762



803C80



62374D



302C30



700070



F000F0



# Inverse Universe

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



623762



803C80



37624D



302C30



700070

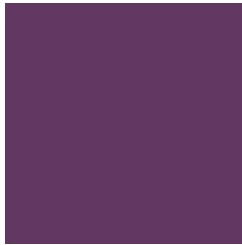


F000F0



# Previews

## White Background



This preview shows how the Hex color 623762 looks on a white background.

## Color Contrast Check

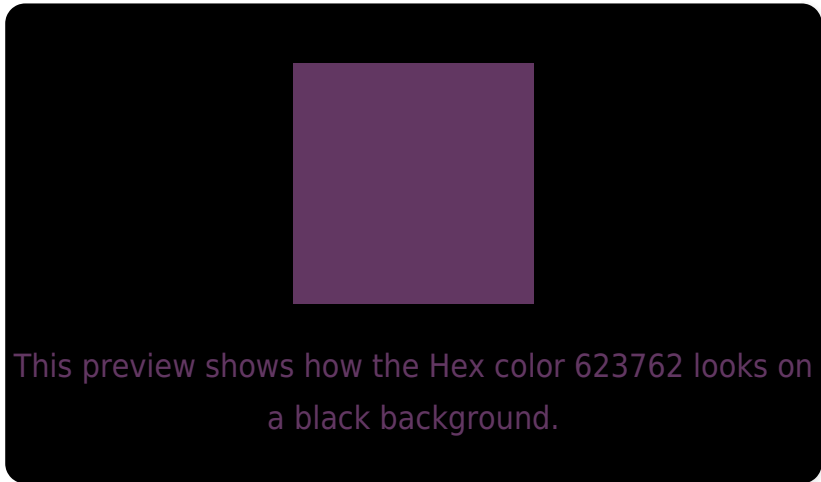
Large Text (above 18pt) WCAG AA ✓ Pass

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

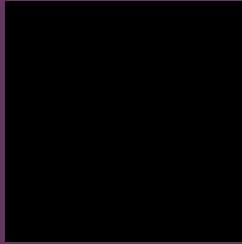
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 623762 Background



This preview shows how black text looks on a background with the Hex color 623762.



This preview shows how white text looks on a background with the Hex color 623762.

# 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**  
623762

**Protanopia**  
38466E

**Deuteranopia**  
40465F



**Tritanopia**  
5E3E43

# Trichromacy



**Original Color**  
623762

**Protanomaly**  
47416A

**Deuteranomaly**  
4C4160

**Tritanomaly**  
5F3B4E

# Monochromacy



**Original Color**  
623762

**Achromatopsia**  
494949

**Achromatomaly**  
524252

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 623762 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 #623762 looks like.

```
.text, #text, p{  
    color:#623762  
}
```

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 #623762 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #623762
}
```

## Border

The CSS property to change the border of an element to Hex 623762 is called "border". The border property can be set on classes, ids or directly on the HTML element.

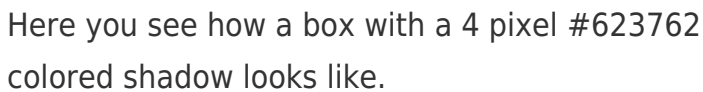
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#623762 }
```

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

```
.border{ border-color:#623762 }
```

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



Here you see how a box with a 4 pixel #623762 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #623762; -webkit-box-shadow:4px 4px  
4px 4px #623762; box-shadow:4px 4px 4px  
4px #623762 }
```

# Background

The CSS property to change the background color of an element to Hex 623762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#623762 }
```

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

```
.background{ background-color:#623762 }
```

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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