

# Converting Colors

Hex(603D66)

Have a look what the booklet for  
Hex(603D66) contains.

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# Color

**Hex(603D66)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	603D66
RGB	96, 61, 102
RGB Percent	38%, 24%, 40%
CMY	0.6235, 0.7608, 0.6000
CMYK	0.06, 0.40, 0.00, 0.60
HSL	291°, 25%, 32%
HSV	291°, 40%, 40%
XYZ	8.8909, 6.7836, 13.4111
YIQ	76.1390, 7.6990, 20.1710

# Conversions

## Conversions Part 2

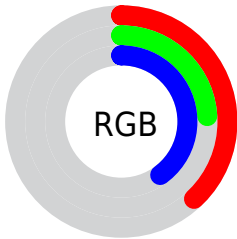
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 61, 102
Decimal	6307174
CIELab	31.31, 23.05, -17.94
CIElCh	31, 29.213, 322.107
Yxy	6.7836, 0.3057, 0.2332
Android (android.graphics.Color)	4284497254 (0xFF603D66)
YUV	76.1390, 12.7495, 17.4181
Hunter-Lab	26.0453, 15.3538, -12.2976

# Details

The Hex color **603D66** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **43663D**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **936D99**, and **301137** is the 20% darker color. If you saturate the color by 10%, you get **5F3366**, and if you desaturate by 10%, it is **614766**.

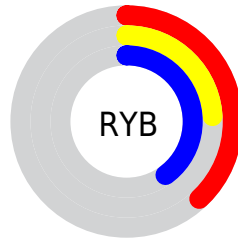
# Distribution



Red (38%)

Green (24%)

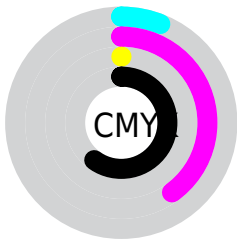
Blue (40%)



Red (38%)

Yellow (24%)

Blue (40%)

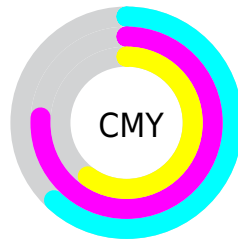


Cyan (6%)

Magenta (40%)

Yellow (0%)

Black (60%)



Cyan (62%)

Magenta (76%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 603D66 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 603D66 by changing the saturation by 10% instead.





603D66



603D66

FFFFFF



48264E



936D99



301137



AE87B4



1E0022



CAA1D0



000007



E6BCEC



000000



FFD8FF



FFF5FF



603D66



603D66



5F3366



614766

5D2966

635166

5C1E66

645C66

5A1466

666666

590A66

677066

570066

697A66

6A8466

6C8F66

6D9966

# Harmonies

## Analogous

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



414674



603D66



713751

# Triad

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



603D66



5C461B



00555A

# Complementary

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



603D66



43663D

# 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.



005543



603D66



464E1D

# Square

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



603D66



6C3E26



2B522D



00536D

# Rectangle

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



603D66



743641



2B522D



005553



# Sweetspot

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



603D66



827585



3D4366



413942



C2C2C2



424242



# Same Dimension

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



603D66



7B4585



663D58



322E33



620073



CF00F2



# Inverse Universe

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



663D43



85454E



3D664B



332E2F



730011



F20023



# Previews

## White Background



This preview shows how the Hex color 603D66 looks on a white background.

## Color Contrast Check

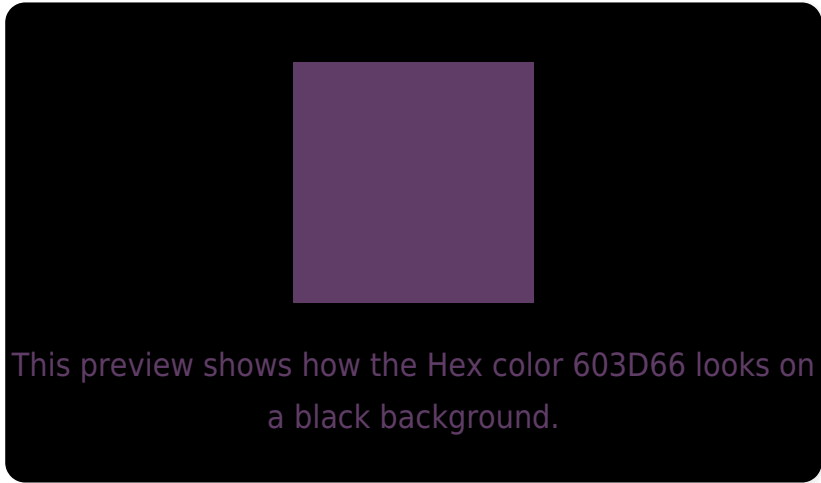
Large Text (above 18pt) WCAG AA ✓ Pass

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

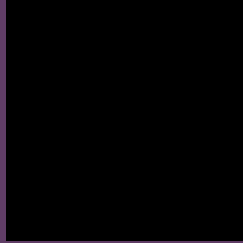
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 603D66 Background



This preview shows how black text looks on a background with the Hex color 603D66.



This preview shows how white text looks on a background with the Hex color 603D66.

# 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**  
603D66

**Protanopia**  
3D496F

**Deuteranopia**  
434964



**Tritanopia**  
5C4349

# Trichromacy



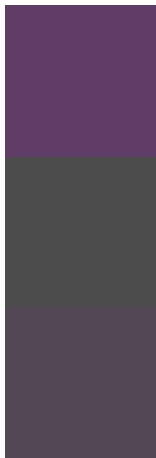
**Original Color**  
603D66

**Protanomaly**  
4A456C

**Deuteranomaly**  
4E4565

**Tritanomaly**  
5D4154

# Monochromacy



**Original Color**  
603D66

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
534755

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 603D66 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 #603D66 looks like.

```
.text, #text, p{  
    color:#603D66  
}
```

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 #603D66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #603D66
}
```

## Border

The CSS property to change the border of an element to Hex 603D66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

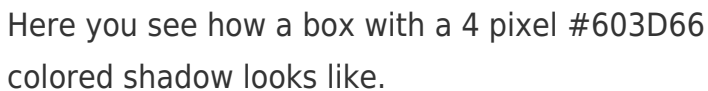
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#603D66 }
```

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

```
.border{ border-color:#603D66 }
```

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



Here you see how a box with a 4 pixel #603D66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #603D66; -webkit-box-shadow:4px 4px  
4px 4px #603D66; box-shadow:4px 4px 4px  
4px #603D66 }
```

# Background

The CSS property to change the background color of an element to Hex 603D66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#603D66 }
```

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

```
.background{ background-color:#603D66 }
```

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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