

# Converting Colors

Hex(603D72)

Have a look what the booklet for  
Hex(603D72) contains.

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# Color

**Hex(603D72)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	603D72
RGB	96, 61, 114
RGB Percent	38%, 24%, 45%
CMY	0.6235, 0.7608, 0.5529
CMYK	0.16, 0.46, 0.00, 0.55
HSL	280°, 30%, 34%
HSV	280°, 46%, 45%
XYZ	9.5299, 7.0392, 16.7760
YIQ	77.5070, 3.8470, 23.9030

# Conversions

## Conversions Part 2

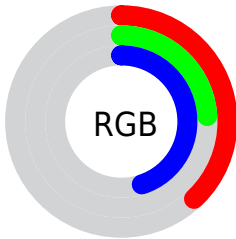
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 61, 114
Decimal	6307186
CIE <sub>Lab</sub>	31.90, 25.84, -24.64
CIE <sub>LCh</sub>	32, 35.702, 316.357
Yxy	7.0392, 0.2858, 0.2111
Android (android.graphics.Color)	4284497266 (0xFF603D72)
YUV	77.5070, 17.9910, 16.2184
Hunter-Lab	26.5315, 17.6856, -18.9174

# Details

The Hex color **603D72** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4F723D**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **946DA6**, and **301042** is the 20% darker color. If you saturate the color by 10%, you get **5C3272**, and if you desaturate by 10%, it is **644872**.

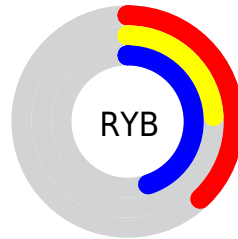
# Distribution



Red (38%)

Green (24%)

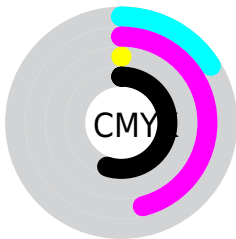
Blue (45%)



Red (38%)

Yellow (24%)

Blue (45%)

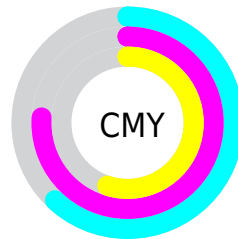


Cyan (16%)

Magenta (46%)

Yellow (0%)

Black (55%)



Cyan (62%)

Magenta (76%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 603D72 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 603D72 by changing the saturation by 10% instead.



603D72

603D72

FFFFFF

472659

946DA6

301042

AF87C1

1D002B

CAA1DD

000116

E7BDFA

000000

FFD9FF

FFF5FF

603D72

603D72

5C3272

644872

■ 582672

■ 685472

■ 541B72

■ 6C5F72

■ 510F72

■ 6F6B72

■ 4D0472

■ 737672

■ 4B0072

■ 778172

■ 7B8D72

■ 7F9872

■ 83A472

# Harmonies

## Analogous

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



334981



603D72



783359

# Triad

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



603D72



654511



00595A

# Complementary

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



603D72



4F723D

# 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.



00583D



603D72



4B4E10

# Square

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



603D72



773A23



2B5422



005773

# Rectangle

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



603D72



7E3146



2B5422



005950



# Sweetspot

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



603D72



8D7F94



3D5072



463D4A



C9C9C9



4A4A4A



# Same Dimension

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



603D72



784194



723D6A



363238



4F0078



A300F7



# Inverse Universe

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



723D4F



94415D



3D7245



383234



780029

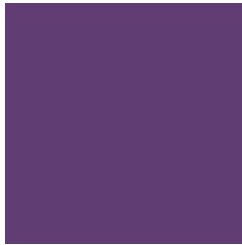


F70054



# Previews

## White Background



This preview shows how the Hex color 603D72 looks on a white background.

## Color Contrast Check

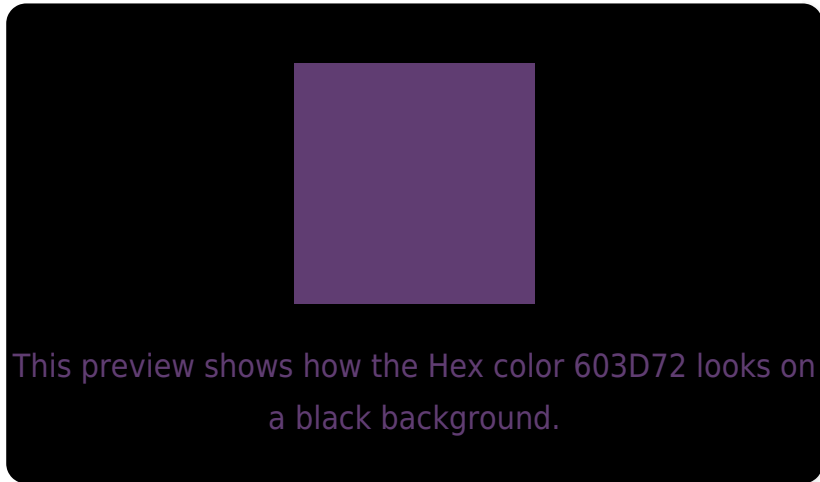
Large Text (above 18pt) WCAG AA ✓ Pass

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

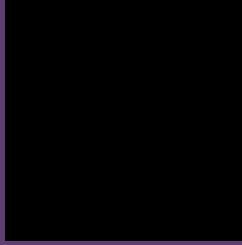
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 603D72 Background



This preview shows how black text looks on a background with the Hex color 603D72.

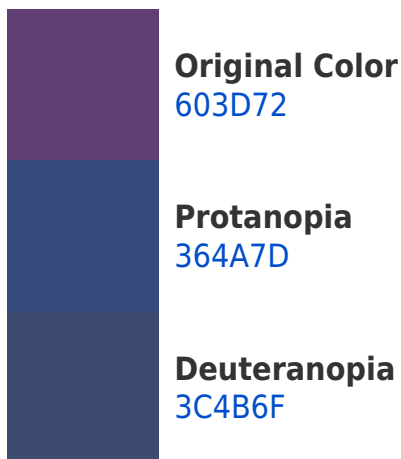


This preview shows how white text looks on a background with the Hex color 603D72.

# 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**  
5A464B

# Trichromacy



**Original Color**  
603D72

**Protanomaly**  
454579

**Deuteranomaly**  
494670

**Tritanomaly**  
5C4359

# Monochromacy



**Original Color**  
603D72

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
55485B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 603D72 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 #603D72 looks like.

```
.text, #text, p{  
    color:#603D72  
}
```

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 #603D72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #603D72
}
```

## Border

The CSS property to change the border of an element to Hex 603D72 is called "border". The border property can be set on classes, ids or directly on the HTML element.

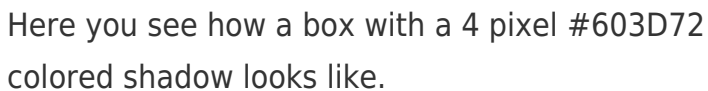
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#603D72 }
```

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

```
.border{ border-color:#603D72 }
```

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



Here you see how a box with a 4 pixel #603D72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #603D72; -webkit-box-shadow:4px 4px  
4px 4px #603D72; box-shadow:4px 4px 4px  
4px #603D72 }
```

# Background

The CSS property to change the background color of an element to Hex 603D72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#603D72 }
```

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

```
.background{ background-color:#603D72 }
```

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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