

# Converting Colors

Hex(603960)

Have a look what the booklet for  
Hex(603960) contains.

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# Color

**Hex(603960)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	603960
RGB	96, 57, 96
RGB Percent	38%, 22%, 38%
CMY	0.6235, 0.7765, 0.6235
CMYK	0.00, 0.41, 0.00, 0.62
HSL	300°, 25%, 30%
HSV	300°, 41%, 38%
XYZ	8.3983, 6.2576, 11.8315
YIQ	73.1070, 10.7250, 20.3970

# Conversions

## Conversions Part 2

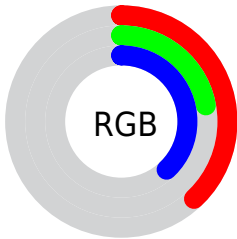
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 57, 96
Decimal	6306144
CIELab	30.05, 24.20, -16.04
CIELCh	30, 29.027, 326.464
Yxy	6.2576, 0.3171, 0.2362
Android (android.graphics.Color)	4284496224 (0xFF603960)
YUV	73.1070, 11.2862, 20.0772
Hunter-Lab	25.0152, 16.1511, -10.5320

# Details

The Hex color **603960** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **396039**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **936993**, and **300C32** is the 20% darker color. If you saturate the color by 10%, you get **602F60**, and if you desaturate by 10%, it is **604360**.

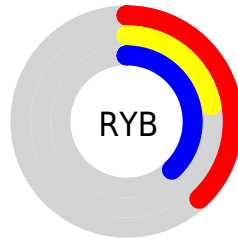
# Distribution



Red (38%)

Green (22%)

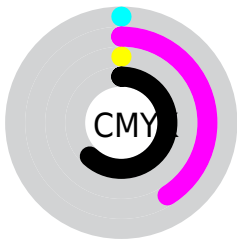
Blue (38%)



Red (38%)

Yellow (22%)

Blue (38%)

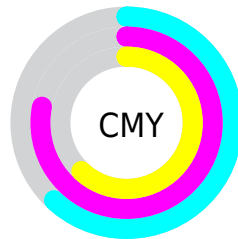


Cyan (0%)

Magenta (41%)

Yellow (0%)

Black (62%)



Cyan (62%)

Magenta (78%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 603960 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 603960 by changing the saturation by 10% instead.



603960

603960

FFFFFF

482248

936993

300C32

AE83AD

1F001D

CA9DC9

000000

E6B8E5

FFD4FF

FFF0FF

603960

603960

602F60

604360

602660

604C60

601C60

605660

601360

605F60

600960

606960

600060

607360

607C60

608660

608F60

# Harmonies

## Analogous

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



44426F



603960



6F334A

# Triad

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



603960



564518



00525A

# Complementary

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



603960



396039

# 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



603960



404B1C

# Square

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



603960



673C22



23502D



004F6C

# Rectangle

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



603960



71343B



23502D



005253



# Sweetspot

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



603960



7D6E7D



393960



403740



BFBFBF



404040



# Same Dimension

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



603960



7D407D



60394D



302C30



700070



F000F0



# Inverse Universe

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



603960



7D407D



39604D



302C30



700070

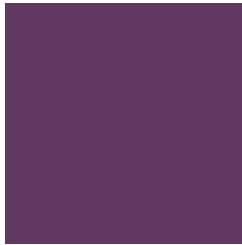


F000F0



# Previews

## White Background



This preview shows how the Hex color 603960 looks on a white background.

## Color Contrast Check

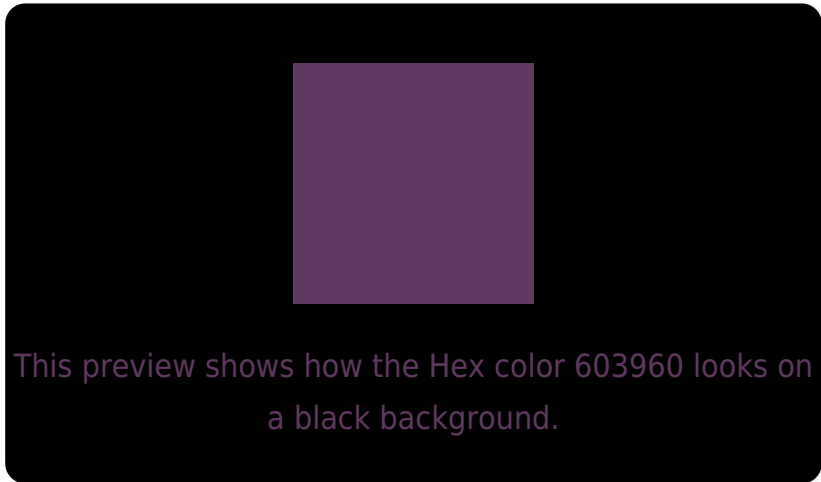
Large Text (above 18pt) WCAG AA ✓ Pass

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

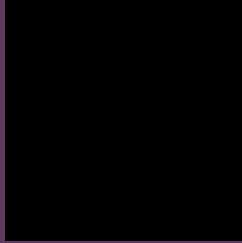
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 603960 Background



This preview shows how black text looks on a background with the Hex color 603960.



This preview shows how white text looks on a background with the Hex color 603960.

# 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**  
603960

**Protanopia**  
3B466A

**Deuteranopia**  
42465E



**Tritanopia**  
5C3F44

# Trichromacy



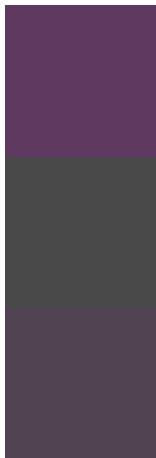
**Original Color**  
603960

**Protanomaly**  
484166

**Deuteranomaly**  
4D415F

**Tritanomaly**  
5D3D4E

# Monochromacy



**Original Color**  
603960

**Achromatopsia**  
494949

**Achromatomaly**  
514351

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 603960 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 #603960 looks like.

```
.text, #text, p{  
    color:#603960  
}
```

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 #603960 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #603960
}
```

## Border

The CSS property to change the border of an element to Hex 603960 is called "border". The border property can be set on classes, ids or directly on the HTML element.

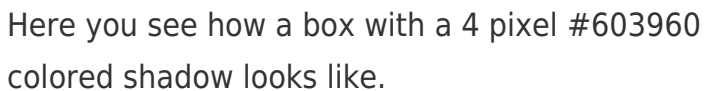
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#603960 }
```

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

```
.border{ border-color:#603960 }
```

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



Here you see how a box with a 4 pixel #603960 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #603960; -webkit-box-shadow:4px 4px  
4px 4px #603960; box-shadow:4px 4px 4px  
4px #603960 }
```

# Background

The CSS property to change the background color of an element to Hex 603960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#603960 }
```

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

```
.background{ background-color:#603960 }
```

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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