

# Converting Colors

Hex(603057)

Have a look what the booklet for  
Hex(603057) contains.

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# Color

**Hex(603057)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 603057                    |
| RGB           | 96, 48, 87                |
| RGB Percent   | 38%, 19%, 34%             |
| CMY           | 0.6235, 0.8118, 0.6588    |
| CMYK          | 0.00, 0.50, 0.09, 0.62    |
| HSL           | 311°, 33%, 28%            |
| HSV           | 311°, 50%, 38%            |
| XYZ           | 7.6011, 5.2888, 9.6370    |
| YIQ           | 66.7980, 16.0890, 22.3050 |

# Conversions

## Conversions Part 2

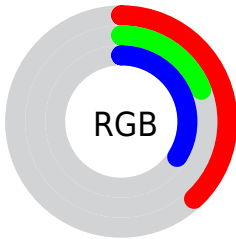
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 96, 48, 87                   |
| Decimal                             | 6303831                      |
| CIE <sub>Lab</sub>                  | 27.54, 27.74, -14.06         |
| CIE <sub>LCh</sub>                  | 28, 31.095, 333.123          |
| Yxy                                 | 5.2888, 0.3374,<br>0.2348    |
| Android<br>(android.graphics.Color) | 4284493911<br>(0xFF603057)   |
| YUV                                 | 66.7980, 9.9596,<br>25.6102  |
| Hunter-Lab                          | 22.9974, 18.7524,<br>-8.7472 |

# Details

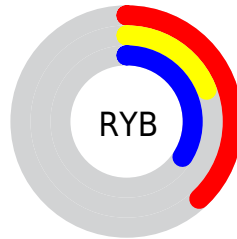
The Hex color **603057** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **306039**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **946089**, and **30022A** is the 20% darker color. If you saturate the color by 10%, you get **602655**, and if you desaturate by 10%, it is **603A59**.

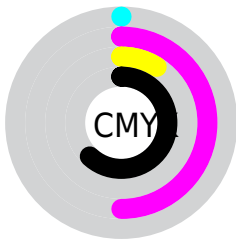
# Distribution



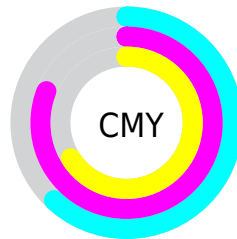
- Red (38%)
- Green (19%)
- Blue (34%)



- Red (38%)
- Yellow (19%)
- Blue (34%)



- Cyan (0%)
- Magenta (50%)
- Yellow (9%)
- Black (62%)



- Cyan (62%)
- Magenta (81%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 603057 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 603057 by changing the saturation by 10% instead.



603057

603057

FFFFFF

471940

946089

30022A

AF79A3

1A0015

CB93BE

000000

E7AEDA

FFCAF7

FFE6FF

603057

603057

602655

603A59

601D53

60435B

601352

604D5C

600A50

60565E

60004E

606060

606A62

607364

607D65

608667

# Harmonies

## Analogous

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



453A69



603057



6C2B3F

# Triad

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



603057



4C410E



004C5A

# Complementary

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



603057



306039

# 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.



004D43



603057



334716

# Square

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



603057



5F3816



0D4B2A



00496B

# Rectangle

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



603057



6C2D30



0D4B2A



004D53



# Sweetspot

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



603057



7D6A79



393060



40343E



BFBFBF



404040



# Same Dimension

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



603057



7D326F



60303F



302C30



70005B



F000C3



# Inverse Universe

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



603057



7D326F



306051



302C30



70005B

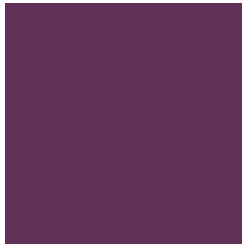


F000C3



# Previews

## White Background



This preview shows how the Hex color 603057 looks on a white background.

## Color Contrast Check

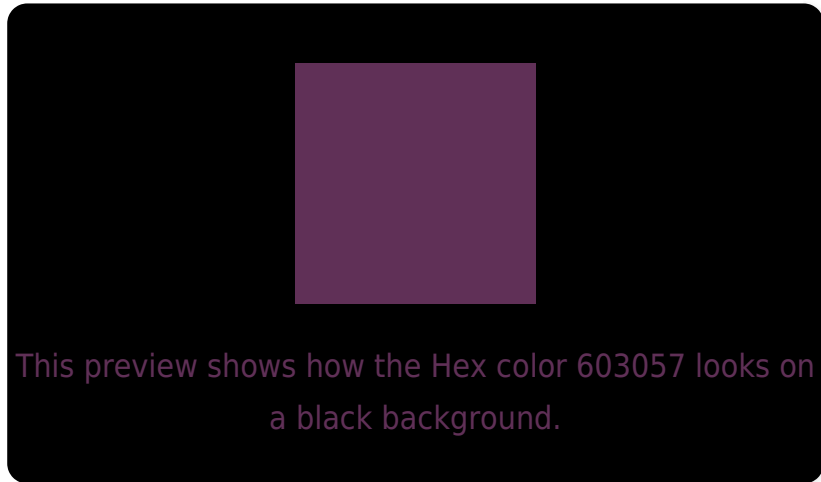
Large Text (above 18pt) WCAG AA ✓ Pass

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

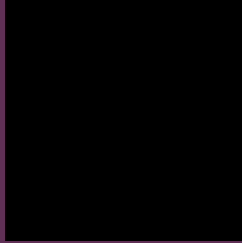
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 603057 Background



This preview shows how black text looks on a background with the Hex color 603057.



This preview shows how white text looks on a background with the Hex color 603057.

# 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**  
603057

**Protanopia**  
354164

**Deuteranopia**  
3E4054



**Tritanopia**  
5D363B

# Trichromacy



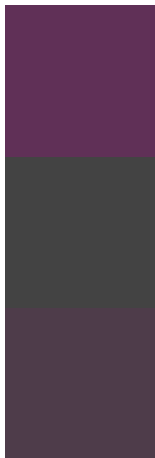
**Original Color**  
603057

**Protanomaly**  
453B5F

**Deuteranomaly**  
4A3A55

**Tritanomaly**  
5E3445

# Monochromacy



**Original Color**  
603057

**Achromatopsia**  
434343

**Achromatomaly**  
4E3C4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 603057 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 #603057 looks like.

```
.text, #text, p{  
    color:#603057  
}
```

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 #603057 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #603057
}
```

## Border

The CSS property to change the border of an element to Hex 603057 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
#603057 }
```

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

```
.border{ border-color:#603057 }
```

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

Here you see how a box with a 4 pixel #603057 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #603057; -webkit-box-shadow:4px 4px  
4px 4px #603057; box-shadow:4px 4px 4px  
4px #603057 }
```

# Background

The CSS property to change the background color of an element to Hex 603057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#603057 }
```

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

```
.background{ background-color:#603057 }
```

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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