

# Converting Colors

Hex(600C38)

Have a look what the booklet for  
Hex(600C38) contains.

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# Color

**Hex(600C38)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	600C38
RGB	96, 12, 56
RGB Percent	38%, 5%, 22%
CMY	0.6235, 0.9529, 0.7804
CMYK	0.00, 0.87, 0.42, 0.62
HSL	329°, 78%, 21%
HSV	329°, 88%, 38%
XYZ	5.6692, 3.0353, 4.0284
YIQ	42.1320, 35.9400, 31.4920

# Conversions

## Conversions Part 2

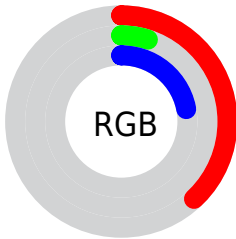
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 12, 56
Decimal	6294584
CIELab	20.18, 39.39, -4.26
CIElCh	20, 39.619, 353.833
Yxy	3.0353, 0.4452, 0.2384
Android (android.graphics.Color)	4284484664 (0xFF600C38)
YUV	42.1320, 6.8369, 47.2422
Hunter-Lab	17.4220, 27.5957, -1.5141

# Details

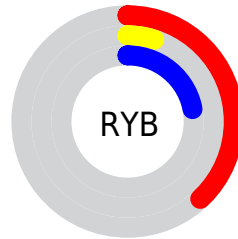
The Hex color **600C38** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0C6034**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **964267**, and **31000D** is the 20% darker color. If you saturate the color by 10%, you get **600233**, and if you desaturate by 10%, it is **60163D**.

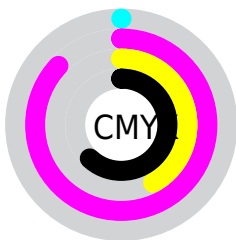
# Distribution



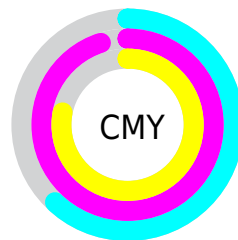
- Red (38%)
- Green (5%)
- Blue (22%)



- Red (38%)
- Yellow (5%)
- Blue (22%)



- Cyan (0%)
- Magenta (87%)
- Yellow (42%)
- Black (62%)



- Cyan (62%)
- Magenta (95%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 600C38 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 600C38 by changing the saturation by 10% instead.



 600C38

 600C38

FFFFFF

 460023

 964267

 31000D

 B25B80

 000000

 CF759A

 EC90B5

 FFABD0

 FFC7EC

 FFE3FF

 600C38

 600C38

■ 600233

■ 60163D

■ 600032

■ 601F41

■ 602946

■ 60324A

■ 603C4F

■ 604653

■ 604F58

■ 60595D

■ 606261

# Harmonies

## Analogous

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



4D1C53



600C38



62101B

# Triad

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



600C38



283600



003C60

# Complementary

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



600C38



0C6034

# 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.



003D47



600C38



003B0A

# Square

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



600C38



422D00



003D2A



00366B

# Rectangle

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



600C38



5B1B06



003D2A



003C59



# Sweetspot

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



600C38



7D5C6D



330C60



402C36



BFBFBF



404040



# Same Dimension

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



600C38



7D0041



600C0F



302C2E



70003B



F0007E



# Inverse Universe

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



600C38



7D0041



0C605D



302C2E



70003B

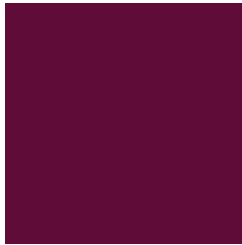


F0007E



# Previews

## White Background



This preview shows how the Hex color 600C38 looks on a white background.

## Color Contrast Check

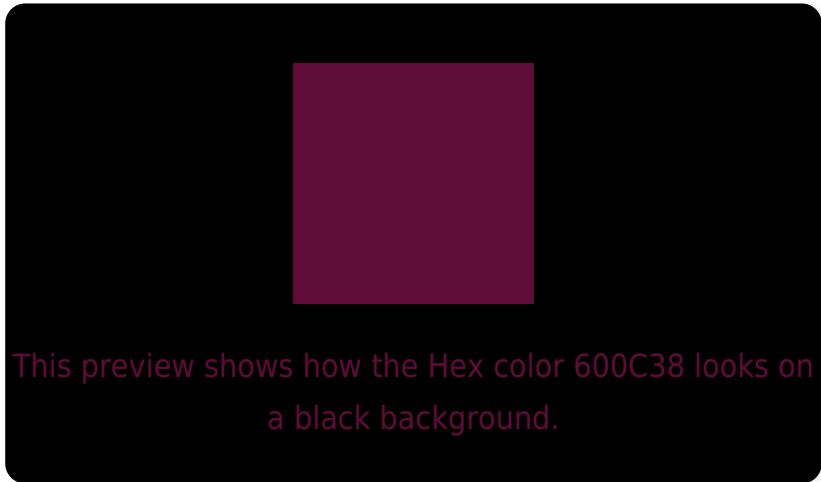
Large Text (above 18pt) WCAG AA ✓ Pass

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

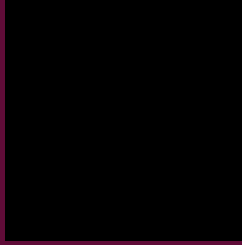
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 600C38 Background



This preview shows how black text looks on a background with the Hex color 600C38.



This preview shows how white text looks on a background with the Hex color 600C38.

# 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**  
600C38

**Protanopia**  
29324F

**Deuteranopia**  
383234



**Tritanopia**  
5E1819

# Trichromacy



**Original Color**  
600C38

**Protanomaly**  
3D2447

**Deuteranomaly**  
472435

**Tritanomaly**  
5F1424

# Monochromacy



**Original Color**  
600C38

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
3E1F2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 600C38 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 #600C38 looks like.

```
.text, #text, p{  
    color:#600C38  
}
```

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 #600C38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #600C38
}
```

## Border

The CSS property to change the border of an element to Hex 600C38 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
#600C38 }
```

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

```
.border{ border-color:#600C38 }
```

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

Here you see how a box with a 4 pixel #600C38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #600C38; -webkit-box-shadow:4px 4px  
4px 4px #600C38; box-shadow:4px 4px 4px  
4px #600C38 }
```

# Background

The CSS property to change the background color of an element to Hex 600C38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#600C38 }
```

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

```
.background{ background-color:#600C38 }
```

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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