

# Converting Colors

Hex(600B53)

Have a look what the booklet for  
Hex(600B53) contains.

<b>Hex(600B53)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(600B53)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	600B53
RGB	96, 11, 83
RGB Percent	38%, 4%, 33%
CMY	0.6235, 0.9569, 0.6745
CMYK	0.00, 0.89, 0.14, 0.62
HSL	309°, 79%, 21%
HSV	309°, 89%, 38%
XYZ	6.5049, 3.3507, 8.4875
YIQ	44.6230, 27.5480, 40.4120

# Conversions

## Conversions Part 2

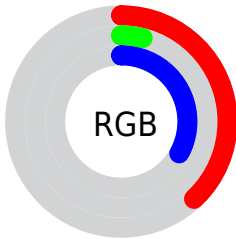
<b>Format</b>	<b>Color</b>
<b>RYB</b>	96, 11, 83
Decimal	6294355
CIELab	21.40, 43.33, -20.96
CIELCh	21, 48.130, 334.186
Yxy	3.3507, 0.3546, 0.1827
Android (android.graphics.Color)	4284484435 (0xFF600B53)
YUV	44.6230, 18.9199, 45.0576
Hunter-Lab	18.3048, 31.3989, -14.6779

# Details

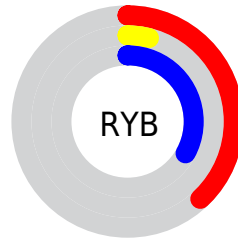
The Hex color **600B53** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **0B6018**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **954385**, and **300026** is the 20% darker color. If you saturate the color by 10%, you get **600152**, and if you desaturate by 10%, it is **601554**.

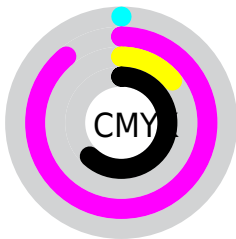
# Distribution



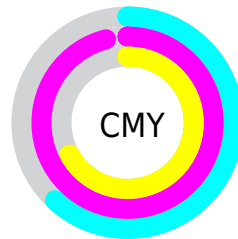
- Red (38%)
- Green (4%)
- Blue (33%)



- Red (38%)
- Yellow (4%)
- Blue (33%)



- Cyan (0%)
- Magenta (89%)
- Yellow (14%)
- Black (62%)



- Cyan (62%)
- Magenta (96%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 600B53 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 600B53 by changing the saturation by 10% instead.



 600B53

 600B53

FFFFFF

 46003C

 954385

 300026

 B15D9F

 09000F

 CD77BA

 000000

 EA91D6

 FFADF2

 FFC9FF

 FFE5FF

 600B53

 600B53

■ 600152

■ 601554

■ 600051

■ 601E56

■ 602857

■ 603159

■ 603B5A

■ 60455C

■ 604E5D

■ 60585F

■ 606160

# Harmonies

## Analogous

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



35276F



600B53



6F0030

# Triad

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



600B53



3C3400



00425B

# Complementary

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



600B53



0B6018

# 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.



004238



600B53



163C00

# Square

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



600B53



582500



004011



003F74

# Rectangle

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



600B53



6E0019



004011



004250



# Sweetspot

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



600B53



7D5B78



180B60



402B3D



BFBFBF



404040



# Same Dimension

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



600B53



7D006A



600B29



302C30



70005F



F000CB



# Inverse Universe

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



600B53



7D006A



0B6042



302C30



70005F

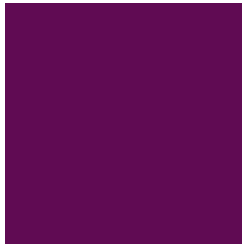


F000CB



# Previews

## White Background



This preview shows how the Hex color 600B53 looks on a white background.

## Color Contrast Check

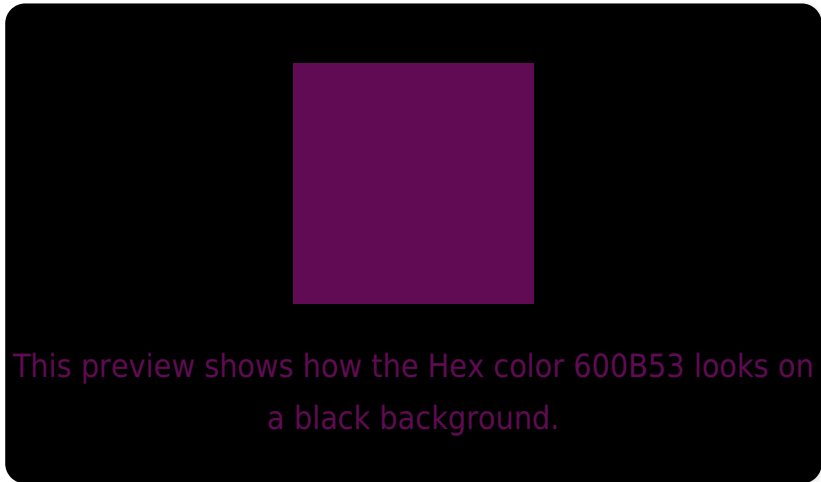
Large Text (above 18pt) WCAG AA ✓ Pass

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

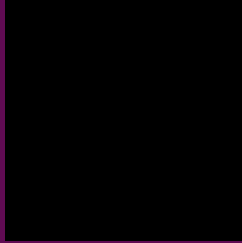
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 600B53 Background



This preview shows how black text looks on a background with the Hex color 600B53.



This preview shows how white text looks on a background with the Hex color 600B53.

# 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**  
600B53

**Protanopia**  
00346E

**Deuteranopia**  
2C354E



# Trichromacy



**Original Color**  
600B53

**Protanomaly**  
232564

**Deuteranomaly**  
3F2650

**Tritanomaly**  
5D1A35

# Monochromacy



**Original Color**  
600B53

**Achromatopsia**  
2D2D2D

**Achromatomaly**  
40213B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 600B53 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 #600B53 looks like.

```
.text, #text, p{  
    color:#600B53  
}
```

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 #600B53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #600B53
}
```

## Border

The CSS property to change the border of an element to Hex 600B53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

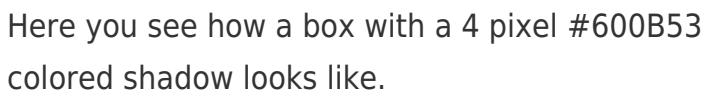
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#600B53 }
```

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

```
.border{ border-color:#600B53 }
```

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



Here you see how a box with a 4 pixel #600B53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #600B53; -webkit-box-shadow:4px 4px  
4px 4px #600B53; box-shadow:4px 4px 4px  
4px #600B53 }
```

# Background

The CSS property to change the background color of an element to Hex 600B53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#600B53 }
```

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

```
.background{ background-color:#600B53 }
```

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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