

# Converting Colors

Hex(603F81)

Have a look what the booklet for  
Hex(603F81) contains.

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# Color

**Hex(603F81)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	603F81
RGB	96, 63, 129
RGB Percent	38%, 25%, 51%
CMY	0.6235, 0.7529, 0.4941
CMYK	0.26, 0.51, 0.00, 0.49
HSL	270°, 34%, 38%
HSV	270°, 51%, 51%
XYZ	10.5638, 7.6268, 21.6842
YIQ	80.3910, -1.5180, 27.5220

# Conversions

## Conversions Part 2

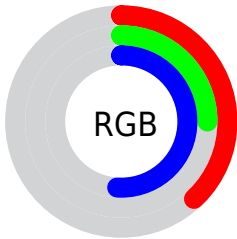
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 63, 129
Decimal	6307713
CIE <sub>Lab</sub>	33.19, 28.36, -31.98
CIE <sub>LCh</sub>	33, 42.742, 311.566
Yxy	7.6268, 0.2649, 0.1913
Android (android.graphics.Color)	4284497793 (0xFF603F81)
YUV	80.3910, 23.9642, 13.6891
Hunter-Lab	27.6166, 19.9501, -27.2221

# Details

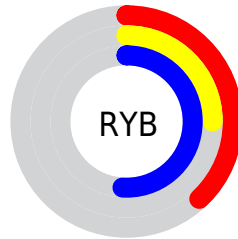
The Hex color **603F81** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **60813F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **9470B6**, and **2F124F** is the 20% darker color. If you saturate the color by 10%, you get **5A3281**, and if you desaturate by 10%, it is **664C81**.

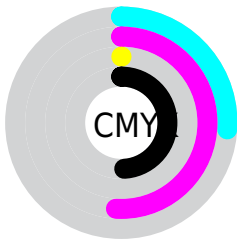
# Distribution



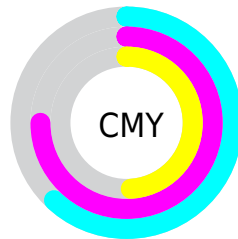
- Red (38%)
- Green (25%)
- Blue (51%)



- Red (38%)
- Yellow (25%)
- Blue (51%)



- Cyan (26%)
- Magenta (51%)
- Yellow (0%)
- Black (49%)



- Cyan (62%)
- Magenta (75%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 603F81 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 603F81 by changing the saturation by 10% instead.



603F81

603F81

FFFFFF

472868

9470B6

2F124F

AF89D2

190038

CBA4EF

000222

E8BFFF

000007

FFDBFF

000000

FFF8FF

603F81

603F81

5A3281

664C81

■ 532581

■ 6D5981

■ 4D1881

■ 736681

■ 460B81

■ 7A7381

■ 410081

■ 808081

■ 878C81

■ 8D9981

■ 94A681

■ 9AB381

# Harmonies

## Analogous

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



184E91



603F81



803064

# Triad

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



603F81



6F4506



005E5B

# Complementary

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



603F81



60813F

# 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.



005C37



603F81



525100

# Square

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



603F81



833623



2C5816



005D7A

# Rectangle

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



603F81



892B4E



2C5816



005E4F



# Sweetspot

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



603F81



9C8FA8



3F6081



4D4554



D4D4D4



545454



# Same Dimension

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



603F81



7542A8



813F81



3D3940



400080



000000



# Inverse Universe

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



813F60



A84275



3F813F



40393D



800040

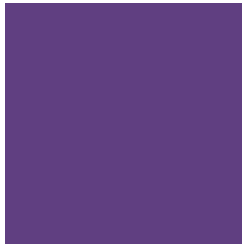


000000



# Previews

## White Background



This preview shows how the Hex color 603F81 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

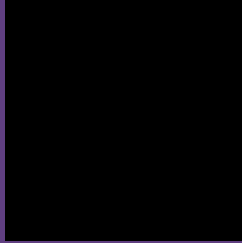
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 603F81 Background



This preview shows how black text looks on a background with the Hex color 603F81.



This preview shows how white text looks on a background with the Hex color 603F81.

# 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**  
603F81

**Protanopia**  
2F4C8E

**Deuteranopia**  
334F7E



**Tritanopia**  
574B51

# Trichromacy



**Original Color**  
603F81

**Protanomaly**  
414789

**Deuteranomaly**  
43497F

**Tritanomaly**  
5A4762

# Monochromacy



**Original Color**  
603F81

**Achromatopsia**  
505050

**Achromatomaly**  
564A62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 603F81 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 #603F81 looks like.

```
.text, #text, p{  
    color:#603F81  
}
```

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 #603F81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #603F81
}
```

## Border

The CSS property to change the border of an element to Hex 603F81 is called "border". The border property can be set on classes, ids or directly on the HTML element.

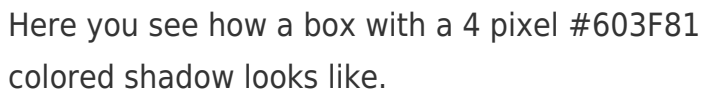
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#603F81 }
```

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

```
.border{ border-color:#603F81 }
```

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



Here you see how a box with a 4 pixel #603F81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #603F81; -webkit-box-shadow:4px 4px  
4px 4px #603F81; box-shadow:4px 4px 4px  
4px #603F81 }
```

# Background

The CSS property to change the background color of an element to Hex 603F81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#603F81 }
```

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

```
.background{ background-color:#603F81 }
```

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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