

# Converting Colors

Hex(5D3063)

Have a look what the booklet for  
Hex(5D3063) contains.

<b>Hex(5D3063)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(5D3063)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D3063
RGB	93, 48, 99
RGB Percent	36%, 19%, 39%
CMY	0.6353, 0.8118, 0.6118
CMYK	0.06, 0.52, 0.00, 0.61
HSL	293°, 35%, 29%
HSV	293°, 52%, 39%
XYZ	7.8233, 5.3419, 12.4231
YIQ	67.2690, 10.4490, 25.4010

# Conversions

## Conversions Part 2

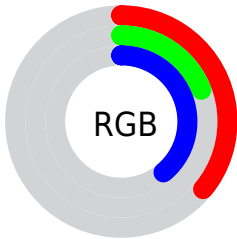
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 48, 99
Decimal	6107235
CIELab	27.69, 29.19, -21.68
CIELCh	28, 36.360, 323.397
Yxy	5.3419, 0.3057, 0.2088
Android (android.graphics.Color)	4284297315 (0xFF5D3063)
YUV	67.2690, 15.6434, 22.5661
Hunter-Lab	23.1126, 19.9727, -15.6899

# Details

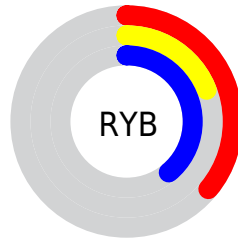
The Hex color **5D3063** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **366330**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **916096**, and **2D0234** is the 20% darker color. If you saturate the color by 10%, you get **5C2663**, and if you desaturate by 10%, it is **5E3A63**.

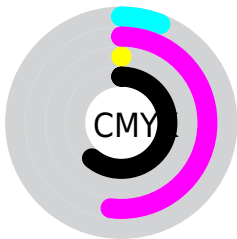
# Distribution



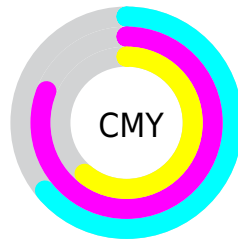
- Red (36%)
- Green (19%)
- Blue (39%)



- Red (36%)
- Yellow (19%)
- Blue (39%)



- Cyan (6%)
- Magenta (52%)
- Yellow (0%)
- Black (61%)



- Cyan (64%)
- Magenta (81%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D3063 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 5D3063 by changing the saturation by 10% instead.



 5D3063

 5D3063

FFFFFF

 44194B

 916096

 2D0234

 AC79B1

 18001F

 C793CC

 000001

 E4AEE9

 000000

 FFCAFF

 FFE6FF

 5D3063

 5D3063

 5C2663

 5E3A63

■ 5B1C63

■ 5F4463

■ 5A1263

■ 604E63

■ 580863

■ 625863

■ 570063

■ 636263

■ 646B63

■ 657563

■ 667F63

■ 678963

# Harmonies

## Analogous

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



353D75



5D3063



702649

# Triad

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



5D3063



543E02



004E57

# Complementary

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



5D3063



366330

# 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.



004E3A



5D3063



3A4606

# Square

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



5D3063



683314



134C1E



004C6E

# Rectangle

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



5D3063



742636



134C1E



004E4D



# Sweetspot

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



5D3063



7D6C80



303763



3E3440



BFBFBF



404040



# Same Dimension

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



5D3063



763080



633050



302C30



630070



D400F0



# Inverse Universe

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



633036



80303A



306343



302C2C



70000D

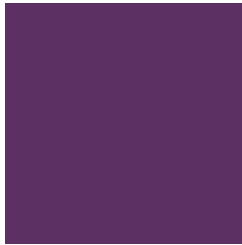


F0001C



# Previews

## White Background



This preview shows how the Hex color 5D3063 looks on a white background.

## Color Contrast Check

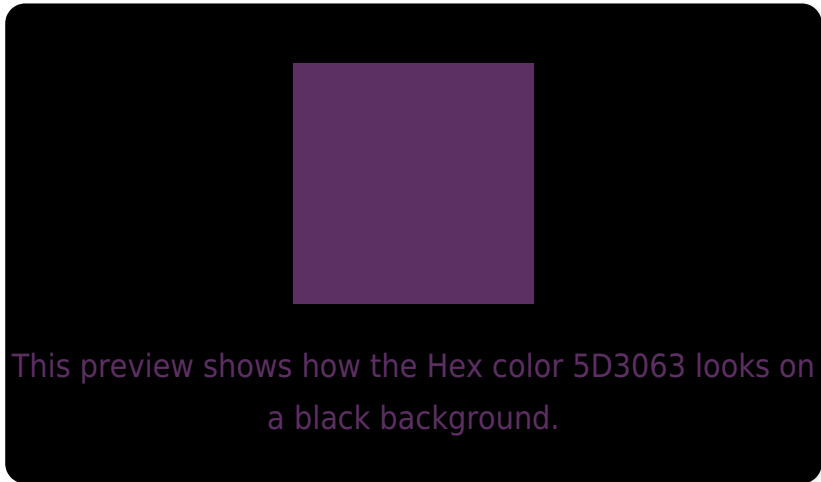
Large Text (above 18pt) WCAG AA ✓ Pass

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

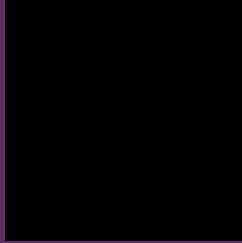
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D3063 Background



This preview shows how black text looks on a background with the Hex color 5D3063.




This preview shows how white text looks on a background with the Hex color 5D3063.

# 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





**Tritanopia**  
58393E

# Trichromacy



**Original Color**  
5D3063

**Protanomaly**  
3E3A6C

**Deuteranomaly**  
443B61

**Tritanomaly**  
5A364B

# Monochromacy



**Original Color**  
5D3063

**Achromatopsia**  
434343

**Achromatomaly**  
4C3C4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D3063 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 #5D3063 looks like.

```
.text, #text, p{  
    color:#5D3063  
}
```

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 #5D3063 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D3063
}
```

## Border

The CSS property to change the border of an element to Hex 5D3063 is called "border". The border property can be set on classes, ids or directly on the HTML element.

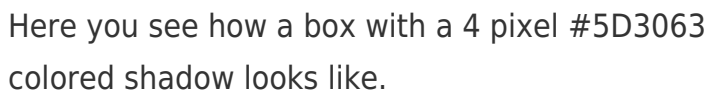
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D3063 }
```

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

```
.border{ border-color:#5D3063 }
```

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



Here you see how a box with a 4 pixel #5D3063 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D3063; -webkit-box-shadow:4px 4px  
4px 4px #5D3063; box-shadow:4px 4px 4px  
4px #5D3063 }
```

# Background

The CSS property to change the background color of an element to Hex 5D3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D3063 }
```

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

```
.background{ background-color:#5D3063 }
```

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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