

# Converting Colors

Hex(7D3065)

Have a look what the booklet for  
Hex(7D3065) contains.

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# Color

**Hex(7D3065)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 7D3065                    |
| RGB         | 125, 48, 101              |
| RGB Percent | 49%, 19%, 40%             |
| CMY         | 0.5098, 0.8118, 0.6039    |
| CMYK        | 0.00, 0.62, 0.19, 0.51    |
| HSL         | 319°, 45%, 34%            |
| HSV         | 319°, 62%, 49%            |
| XYZ         | 11.8634, 7.4135, 13.1176  |
| YIQ         | 77.0650, 28.8790, 32.8070 |

# Conversions

## Conversions Part 2

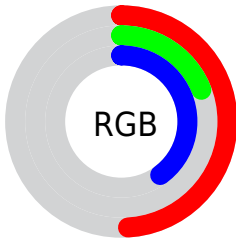
| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| <b>R<sub>YB</sub></b>               | 125, 48, 101                 |
| Decimal                             | 8204389                      |
| CIE <sub>Lab</sub>                  | 32.73, 39.83, -14.76         |
| CIE <sub>LCh</sub>                  | 33, 42.480, 339.667          |
| Yxy                                 | 7.4135, 0.3662,<br>0.2289    |
| Android<br>(android.graphics.Color) | 4286394469<br>(0xFF7D3065)   |
| YUV                                 | 77.0650, 11.8000,<br>42.0390 |
| Hunter-Lab                          | 27.2277, 30.1257,<br>-9.5050 |

# Details

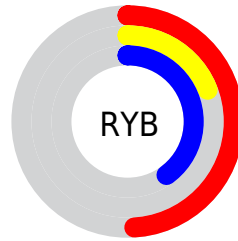
The Hex color **7D3065** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **307D48**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **B46398**, and **490036** is the 20% darker color. If you saturate the color by 10%, you get **7D2461**, and if you desaturate by 10%, it is **7D3D69**.

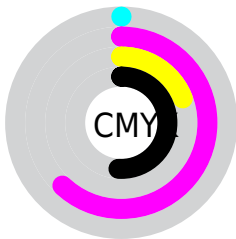
# Distribution



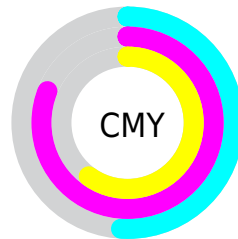
- Red (49%)
- Green (19%)
- Blue (40%)



- Red (49%)
- Yellow (19%)
- Blue (40%)



- Cyan (0%)
- Magenta (62%)
- Yellow (19%)
- Black (51%)



- Cyan (51%)
- Magenta (81%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D3065 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 7D3065 by changing the saturation by 10% instead.



 7D3065

 7D3065

FFFFFF

 63154D

 B46398

 490036

 D07DB3

 320021

 ED97CE

 120006

 FFB3EB

 000000

 FFCFFF

 FFE8FF

 7D3065

 7D3065

 7D2461

 7D3D69

 7D175D

 7D496D

 7D0B59

 7D5671

 7D0056

 7D6275

 7D6E78

 7D7B7C

 7D8880

 7D9484

 7DA188

# Harmonies

## Analogous

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



5C3F81



7D3065



892B44

# Triad

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



7D3065



534F00



005B77

# Complementary

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



7D3065



307D48

# 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.



005D57



7D3065



2E5714

# Square

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



7D3065



6F4307



005B34



00578C

# Rectangle

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



7D3065



86302E



005B34



005C6D



# Sweetspot

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



7D3065



A3869A



47307D



52404C



D1D1D1



525252



# Same Dimension

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



7D3065



A32A7E



7D303F



40393E



800058



000000



# Inverse Universe

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



7D3065



A32A7E



307D6E



40393E



800058

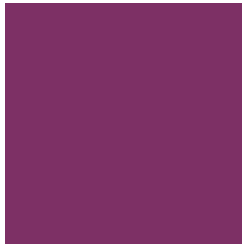


000000



# Previews

## White Background



This preview shows how the Hex color 7D3065 looks on a white background.

## Color Contrast Check

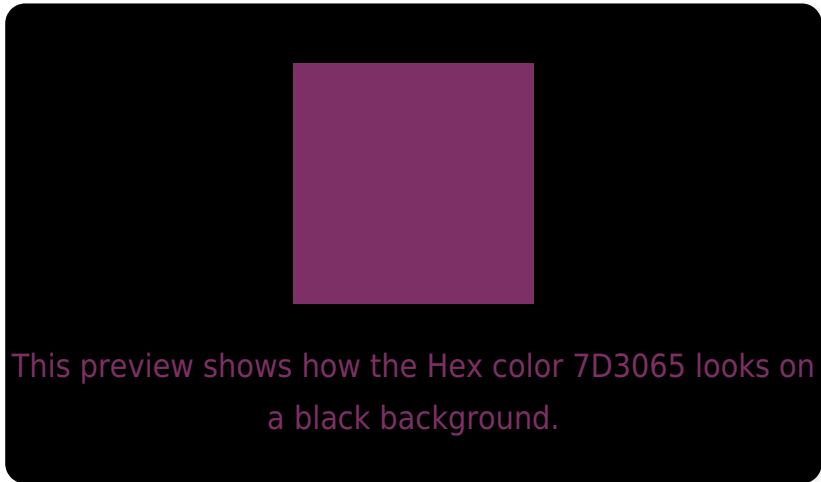
Large Text (above 18pt) WCAG AA ✓ Pass

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

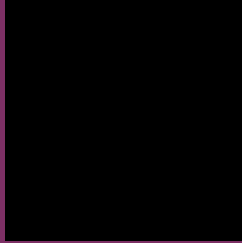
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D3065 Background



This preview shows how black text looks on a background with the Hex color 7D3065.



This preview shows how white text looks on a background with the Hex color 7D3065.

# 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**  
793A3E

# Trichromacy



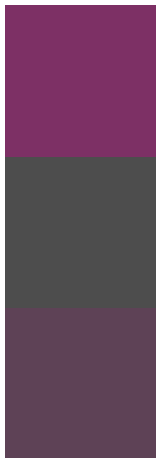
**Original Color**  
7D3065

**Protanomaly**  
544273

**Deuteranomaly**  
5E4262

**Tritanomaly**  
7A364C

# Monochromacy



**Original Color**  
7D3065

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
5E4256

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D3065 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 #7D3065 looks like.

```
.text, #text, p{  
    color:#7D3065  
}
```

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 #7D3065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D3065
}
```

## Border

The CSS property to change the border of an element to Hex 7D3065 is called "border". The border property can be set on classes, ids or directly on the HTML element.

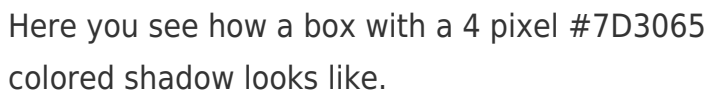
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D3065 }
```

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

```
.border{ border-color:#7D3065 }
```

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



Here you see how a box with a 4 pixel #7D3065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D3065; -webkit-box-shadow:4px 4px  
4px 4px #7D3065; box-shadow:4px 4px 4px  
4px #7D3065 }
```

# Background

The CSS property to change the background color of an element to Hex 7D3065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D3065 }
```

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

```
.background{ background-color:#7D3065 }
```

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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