

# Converting Colors

Hex(7D3166)

Have a look what the booklet for  
Hex(7D3166) contains.

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# Color

**Hex(7D3166)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D3166
RGB	125, 49, 102
RGB Percent	49%, 19%, 40%
CMY	0.5098, 0.8078, 0.6000
CMYK	0.00, 0.61, 0.18, 0.51
HSL	318°, 44%, 34%
HSV	318°, 61%, 49%
XYZ	11.9540, 7.5159, 13.3910
YIQ	77.7660, 28.2830, 32.5950

# Conversions

## Conversions Part 2

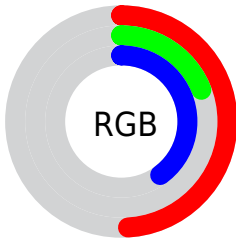
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 49, 102
Decimal	8204646
CIE <sub>Lab</sub>	32.95, 39.50, -15.06
CIE <sub>LCh</sub>	33, 42.277, 339.136
Yxy	7.5159, 0.3638, 0.2287
Android (android.graphics.Color)	4286394726 (0xFF7D3166)
YUV	77.7660, 11.9474, 41.4242
Hunter-Lab	27.4152, 29.8561, -9.7698

# Details

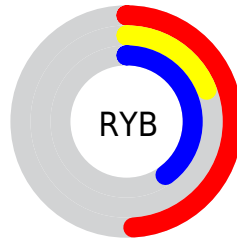
The Hex color **7D3166** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **317D48**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **B46499**, and **490037** is the 20% darker color. If you saturate the color by 10%, you get **7D2562**, and if you desaturate by 10%, it is **7D3E6A**.

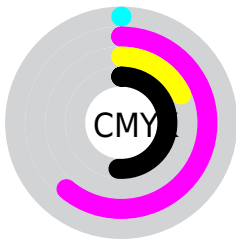
# Distribution



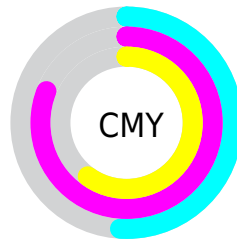
- Red (49%)
- Green (19%)
- Blue (40%)



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



- Cyan (0%)
- Magenta (61%)
- Yellow (18%)
- Black (51%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D3166 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 7D3166 by changing the saturation by 10% instead.



 7D3166

 7D3166

FFFFFF

 63174E

 B46499

 490037

 D07EB4

 320022

 ED98D0

 120007

 FFB4EC

 000000

 FFD0FF

 FFECFF

 7D3166

 7D3166

 7D2562

 7D3E6A

 7D185E

 7D4A6E

 7D0C5B

 7D5771

 7D0057

 7D6375

 7D7079

 7D7C7D

 7D8980

 7D9584

 7DA288

# Harmonies

## Analogous

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



5C4082



7D3166



892C45

# Triad

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



7D3166



544F00



005C77

# Complementary

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



7D3166



317D48

# 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



7D3166



305714

# Square

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



7D3166



704309



005B34



00578C

# Rectangle

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



7D3166



87312F



005B34



005D6D



# Sweetspot

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



7D3166



A3869A



48317D



52404C



D1D1D1



525252



# Same Dimension

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



7D3166



A32C7F



7D3140



40393E



800059



000000



# Inverse Universe

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



7D3166



A32C7F



317D6E



40393E



800059

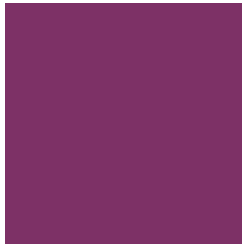


000000



# Previews

## White Background



This preview shows how the Hex color 7D3166 looks on a white background.

## Color Contrast Check

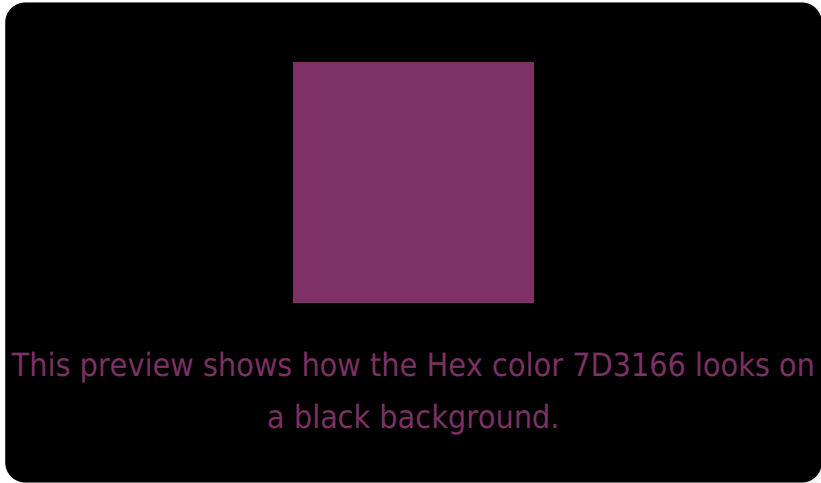
Large Text (above 18pt) WCAG AA ✓ Pass

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

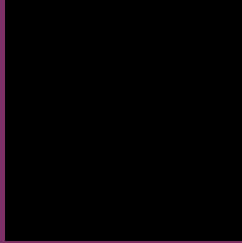
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D3166 Background



This preview shows how black text looks on a background with the Hex color 7D3166.



This preview shows how white text looks on a background with the Hex color 7D3166.

# 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**  
7D3166

**Protanopia**  
3D4D7C

**Deuteranopia**  
4C4D62



**Tritanopia**  
793B3F

# Trichromacy



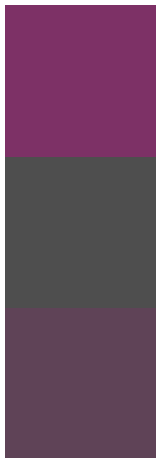
**Original Color**  
7D3166

**Protanomaly**  
544374

**Deuteranomaly**  
5E4363

**Tritanomaly**  
7A374D

# Monochromacy



**Original Color**  
7D3166

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
5F4357

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D3166 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 #7D3166 looks like.

```
.text, #text, p{  
    color:#7D3166  
}
```

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 #7D3166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D3166
}
```

## Border

The CSS property to change the border of an element to Hex 7D3166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

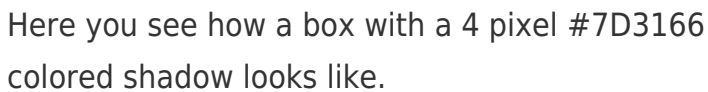
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D3166 }
```

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

```
.border{ border-color:#7D3166 }
```

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



Here you see how a box with a 4 pixel #7D3166 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D3166; -webkit-box-shadow:4px 4px  
4px 4px #7D3166; box-shadow:4px 4px 4px  
4px #7D3166 }
```

# Background

The CSS property to change the background color of an element to Hex 7D3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D3166 }
```

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

```
.background{ background-color:#7D3166 }
```

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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