

Converting Colors

Hex(283D7D)

Have a look what the booklet for
Hex(283D7D) contains.

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Color

Hex(283D7D)

Conversions

Conversions Part 1

Format	Color
Hex	283D7D
RGB	40, 61, 125
RGB Percent	16%, 24%, 49%
CMY	0.8431, 0.7608, 0.5098
CMYK	0.68, 0.51, 0.00, 0.51
HSL	225°, 52%, 32%
HSV	225°, 68%, 49%
XYZ	6.2455, 5.2693, 20.0899
YIQ	62.0170, -33.0600, 15.4520

Conversions

Conversions Part 2

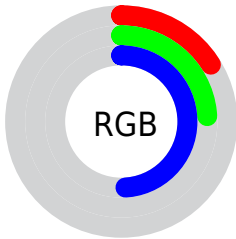
Format	Color
R _Y B	40, 57, 125
Decimal	2637181
CIE Lab	27.49, 14.31, -38.88
CIE LCh	27, 41.431, 290.213
Yxy	5.2693, 0.1976, 0.1667
Android (android.graphics.Color)	4280827261 (0xFF283D7D)
YUV	62.0170, 31.0506, -19.3089
Hunter-Lab	22.9549, 8.3946, -35.8217

Details

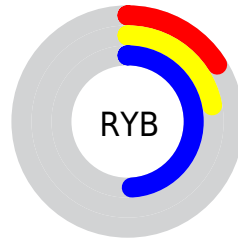
The Hex color **283D7D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **7D6828**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **5F6CB2**, and **00144B** is the 20% darker color. If you saturate the color by 10%, you get **1B347D**, and if you desaturate by 10%, it is **35467D**.

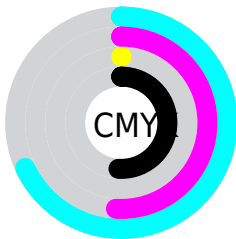
Distribution



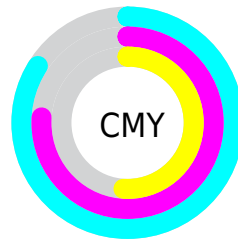
- Red (16%)
- Green (24%)
- Blue (49%)



- Red (16%)
- Yellow (22%)
- Blue (49%)



- Cyan (68%)
- Magenta (51%)
- Yellow (0%)
- Black (51%)



- Cyan (84%)
- Magenta (76%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 283D7D 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 283D7D by changing the saturation by 10% instead.

■ 283D7D

■ 283D7D

FFFFFF

■ 012864

■ 5F6CB2

■ 00144B

■ 7A85CE

■ 000234

■ 969FEA

■ 00021E

■ B1BAFF

■ 000000

■ CED6FF

■ EBF2FF

■ 283D7D

■ 283D7D

■ 1B347D

■ 35467D

■ 0F2A7D

■ 41507D

■ 03217D

■ 4E597D

■ 001F7D

■ 5A637D

■ 676C7D

■ 73757D

■ 807F7D

■ 8C887D

■ 99927D

Harmonies

Analogous

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



004880



283D7D



5C2E6A

Triad

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



283D7D



6E2E0F



004F35

Complementary

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



283D7D



7D6828

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.



0D4C14



283D7D



583C00

Square

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



283D7D



79202D



3B4600



004F56

Rectangle

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



283D7D



6E2457



3B4600



004E2A

Sweetspot

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



283D7D



838BA3



287D68



3E4352



D1D1D1



525252

Same Dimension

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



283D7D



1D3EA3



3D287D



393B40



002080



000000

Inverse Universe

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



7D283D



A31D3E



687D28



40393B



800020



000000

Previews

White Background



This preview shows how the Hex color 283D7D looks on a white background.

Color Contrast Check

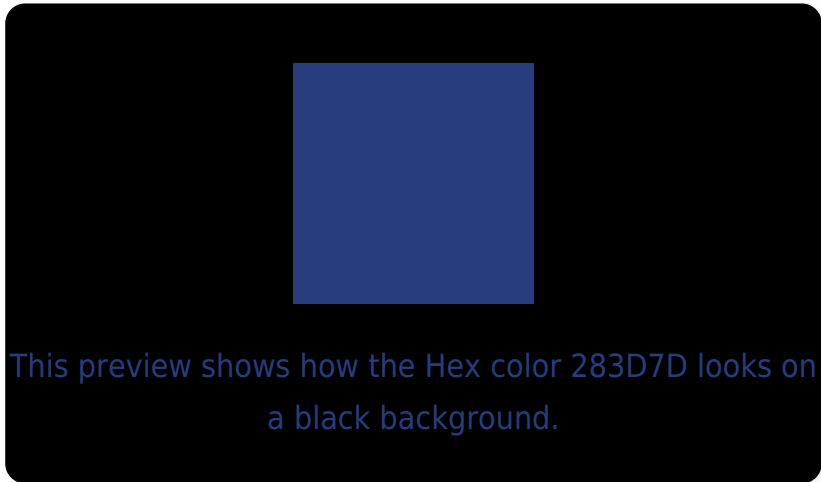
Large Text (above 18pt) WCAG AA ✓ Pass

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

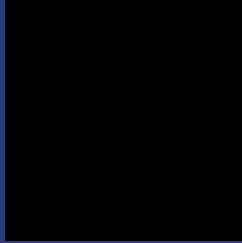
Any Text WCAG AA × Fail

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 283D7D Background



This preview shows how black text looks on a background with the Hex color 283D7D.



This preview shows how white text looks on a background with the Hex color 283D7D.

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
283D7D

Protanopia
1A3F7F

Deuteranopia
004274



Tritanopia
00484E

Trichromacy



Original Color
283D7D

Protanomaly
1F3E7E

Deuteranomaly
0F4077

Tritanomaly
0F445F

Monochromacy



Original Color
283D7D

Achromatopsia
3E3E3E

Achromatomaly
363E55

CSS Examples

Text

The CSS property to change the color of the text to Hex 283D7D 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 #283D7D looks like.

```
.text, #text, p{  
    color:#283D7D  
}
```

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 #283D7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283D7D
}
```

Border

The CSS property to change the border of an element to Hex 283D7D 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".

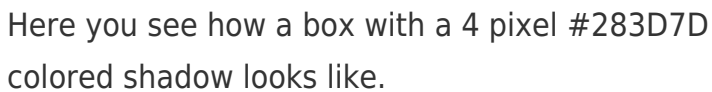
```
.border, #border, table{ border:4px solid
#283D7D }
```

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

```
.border{ border-color:#283D7D }
```

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

Here you see how a box with a 4 pixel #283D7D colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border. The shadow is a thick, dark blue horizontal bar at the bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283D7D; -webkit-box-shadow:4px 4px  
4px 4px #283D7D; box-shadow:4px 4px 4px  
4px #283D7D }
```

Background

The CSS property to change the background color of an element to Hex 283D7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283D7D }
```

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

```
.background{ background-color:#283D7D }
```

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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