

Converting Colors

Hex(283D99)

Have a look what the booklet for
Hex(283D99) contains.

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Color

Hex(283D99)

Conversions

Conversions Part 1

Format	Color
Hex	283D99
RGB	40, 61, 153
RGB Percent	16%, 24%, 60%
CMY	0.8431, 0.7608, 0.4000
CMYK	0.74, 0.60, 0.00, 0.40
HSL	229°, 59%, 38%
HSV	229°, 74%, 60%
XYZ	8.2936, 6.0885, 30.8751
YIQ	65.2090, -42.0480, 24.1600

Conversions

Conversions Part 2

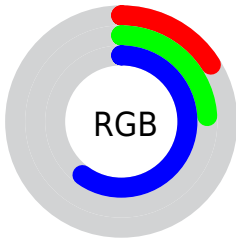
Format	Color
R_{YB}	40, 58, 153
Decimal	2637209
CIE _{Lab}	29.63, 25.07, -52.71
CIE _{LCh}	30, 58.372, 295.435
Yxy	6.0885, 0.1833, 0.1345
Android (android.graphics.Color)	4280827289 (0xFF283D99)
YUV	65.2090, 43.2810, -22.1083
Hunter-Lab	24.6749, 16.8153, -56.9156




Details

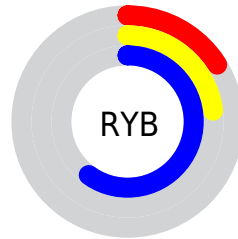
The Hex color **283D99** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **998428**, and the grayscale version is **414141**.




A 20% lighter version of the original color is **666CD0**, and **001465** is the 20% darker color. If you saturate the color by 10%, you get **193199**, and if you desaturate by 10%, it is **374999**.

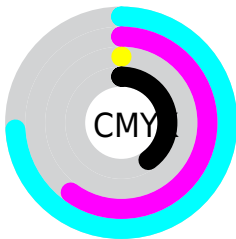
Distribution







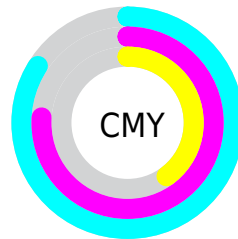
-  Red (16%)
-  Green (24%)
-  Blue (60%)






-  Red (16%)
-  Yellow (23%)
-  Blue (60%)



-  Cyan (74%)
-  Magenta (60%)
-  Yellow (0%)
-  Black (40%)



-  Cyan (84%)
-  Magenta (76%)
-  Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 283D99 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 283D99 by changing the saturation by 10% instead.

■ 283D99

■ 283D99

FFFFFF

■ 00287F

■ 666CD0

■ 001465

■ 8285ED

■ 00004C

■ 9F9FFF

■ 000535

■ BBBAFF

■ 00021E

■ D9D6FF

■ 000001

■ F6F2FF

■ 000000

■ 283D99

■ 283D99

■ 193199

■ 374999

■ 092499

■ 475699

■ 001C99

■ 566299

■ 656F99

■ 747B99

■ 848899

■ 939499

■ A2A199

■ B2AD99

Harmonies

Analogous

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



004EA2



283D99



731F7A

Triad

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



283D99



7D2C00



00583D

Complementary

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



283D99



998428

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.



005508



283D99



5C4200

Square

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



283D99



900322



314E00



00586C

Rectangle

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



283D99



89005E



314E00



00572D

Sweetspot

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



283D99



9BA3C7



289982



4A4E63



E3E3E3



636363

Same Dimension

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



283D99



1637C7



4A2899



45464D



001A8C



00020D

Inverse Universe

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



99283D



C71637



779928



4D4546



8C001A



0D0002

Previews

White Background



This preview shows how the Hex color 283D99 looks on a white background.

Color Contrast Check

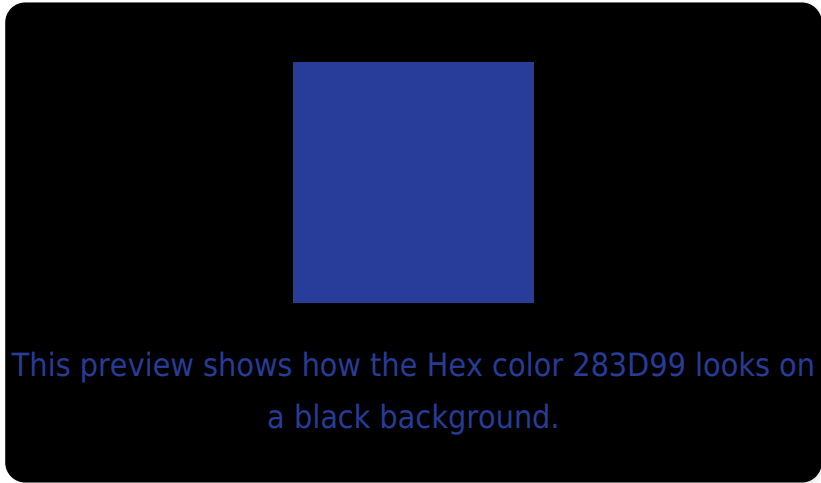
Large Text (above 18pt) WCAG AA ✓ Pass

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

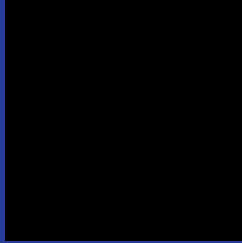
Any Text WCAG AA × Fail

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 283D99 Background



This preview shows how black text looks on a background with the Hex color 283D99.

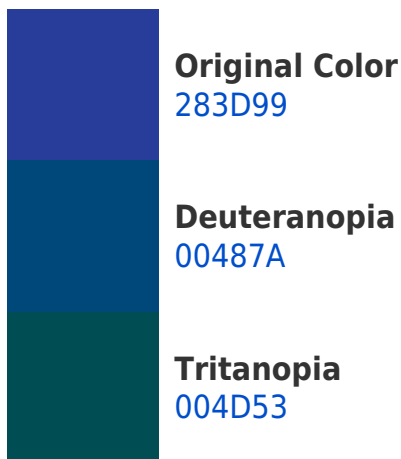


This preview shows how white text looks on a background with the Hex color 283D99.

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



Trichromacy



Original Color
283D99

Deuteranomaly
0F4485

Tritanomaly
0F476C

Monochromacy



Original Color
283D99

Achromatopsia
414141

Achromatomaly
384061

CSS Examples

Text

The CSS property to change the color of the text to Hex 283D99 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 #283D99 looks like.

```
.text, #text, p{  
    color:#283D99  
}
```

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 #283D99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283D99
}
```

Border

The CSS property to change the border of an element to Hex 283D99 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
#283D99 }
```

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

```
.border{ border-color:#283D99 }
```

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

Here you see how a box with a 4 pixel #283D99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283D99; -webkit-box-shadow:4px 4px  
4px 4px #283D99; box-shadow:4px 4px 4px  
4px #283D99 }
```

Background

The CSS property to change the background color of an element to Hex 283D99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283D99 }
```

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

```
.background{ background-color:#283D99 }
```

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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