

Converting Colors

Hex(293D96)

Have a look what the booklet for
Hex(293D96) contains.

Hex(293D96)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(293D96)

Conversions

Conversions Part 1

Format	Color
Hex	293D96
RGB	41, 61, 150
RGB Percent	16%, 24%, 59%
CMY	0.8392, 0.7608, 0.4118
CMYK	0.73, 0.59, 0.00, 0.41
HSL	229°, 57%, 37%
HSV	229°, 73%, 59%
XYZ	8.0882, 6.0109, 29.5881
YIQ	65.1660, -40.4890, 23.4390

Conversions

Conversions Part 2

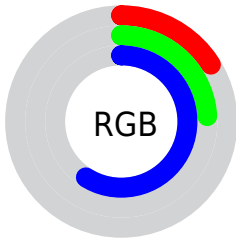
Format	Color
R_{YB}	41, 58, 150
Decimal	2702742
CIE Lab	29.44, 24.06, -51.20
CIE LCh	29, 56.572, 295.173
Yxy	6.0109, 0.1851, 0.1376
Android (android.graphics.Color)	4280892822 (0xFF293D96)
YUV	65.1660, 41.8232, -21.1936
Hunter-Lab	24.5172, 15.9821, -54.3910

Details

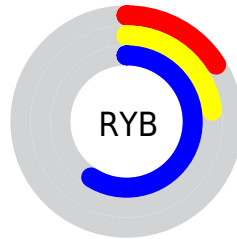
The Hex color **293D96** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **968229**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **656CCD**, and **001462** is the 20% darker color. If you saturate the color by 10%, you get **1A3196**, and if you desaturate by 10%, it is **384996**.

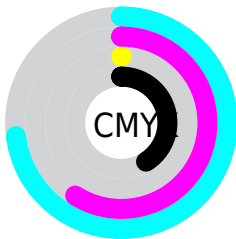
Distribution



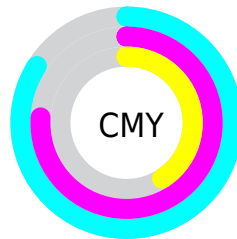
- Red (16%)
- Green (24%)
- Blue (59%)



- Red (16%)
- Yellow (23%)
- Blue (59%)



- Cyan (73%)
- Magenta (59%)
- Yellow (0%)
- Black (41%)



- Cyan (84%)
- Magenta (76%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 293D96 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 293D96 by changing the saturation by 10% instead.

■ 293D96

■ 293D96

FFFFFF

■ 00287C

■ 656CCD

■ 001462

■ 8285E9

■ 00004A

■ 9E9FFF

■ 000432

■ BBBAFF

■ 00021C

■ D8D6FF

■ 000000

■ F6F2FF

■ 293D96

■ 293D96

■ 1A3196

■ 384996

■ 0B2596

■ 475596

■ 001C96

■ 566296

■ 656E96

■ 747A96

■ 838696

■ 929396

■ A19F96

■ B0AB96

Harmonies

Analogous

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



004D9E



293D96



712278

Triad

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



293D96



7B2C00



00573D

Complementary

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



293D96



968229

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.



00540A



293D96



5C4100

Square

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



293D96



8D0823



334E00



00586A

Rectangle

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



293D96



87055D



334E00



00562D

Sweetspot

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



293D96



979FC2



299680



484C61



E0E0E0



616161

Same Dimension

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



293D96



1938C2



4A2996



43444A



00198A



00020A

Inverse Universe

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



96293D



C21938



759629



4A4344



8A0019



0A0002

Previews

White Background



This preview shows how the Hex color 293D96 looks on a white background.

Color Contrast Check

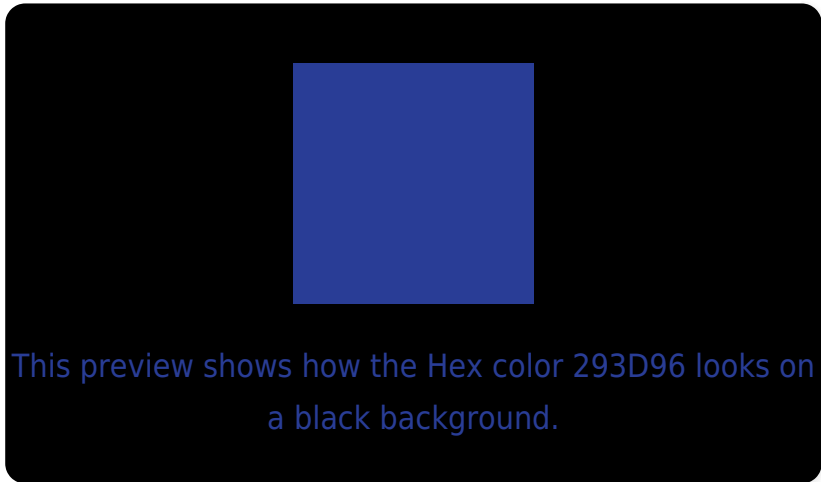
Large Text (above 18pt) WCAG AA ✓ Pass

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

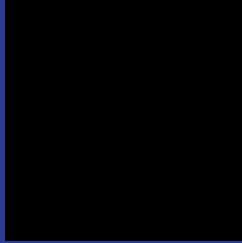
Any Text WCAG AA × Fail

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 293D96 Background



This preview shows how black text looks on a background with the Hex color 293D96.



This preview shows how white text looks on a background with the Hex color 293D96.

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
293D96

Protanopia
00438E

Deuteranopia
00477A

Trichromacy



Original Color
293D96

Protanomaly
0F4191

Deuteranomaly
0F4384

Tritanomaly
0F476B

Monochromacy



Original Color
293D96

Achromatopsia
414141

Achromatomaly
384060

CSS Examples

Text

The CSS property to change the color of the text to Hex 293D96 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 #293D96 looks like.

```
.text, #text, p{  
    color:#293D96  
}
```

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 #293D96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #293D96  
}
```

Border

The CSS property to change the border of an element to Hex 293D96 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  
#293D96 }
```

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

```
.border{ border-color:#293D96 }
```

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

Here you see how a box with a 4 pixel #293D96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #293D96; -webkit-box-shadow:4px 4px  
4px 4px #293D96; box-shadow:4px 4px 4px  
4px #293D96 }
```

Background

The CSS property to change the background color of an element to Hex 293D96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#293D96 }
```

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

```
.background{ background-color:#293D96 }
```

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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