

Converting Colors

Hex(293160)

Have a look what the booklet for
Hex(293160) contains.

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Color

Hex(293160)

Conversions

Conversions Part 1

Format	Color
Hex	293160
RGB	41, 49, 96
RGB Percent	16%, 19%, 38%
CMY	0.8392, 0.8078, 0.6235
CMYK	0.57, 0.49, 0.00, 0.62
HSL	231°, 40%, 27%
HSV	231°, 57%, 38%
XYZ	4.1241, 3.5126, 11.5270
YIQ	51.9660, -19.8550, 12.9210

Conversions

Conversions Part 2

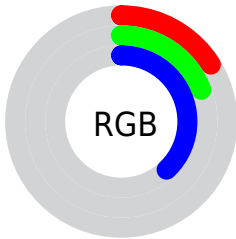
Format	Color
RYB	41, 48, 96
Decimal	2699616
CIELab	21.99, 11.95, -29.11
CIELCh	22, 31.470, 292.315
Yxy	3.5126, 0.2152, 0.1833
Android (android.graphics.Color)	4280889696 (0xFF293160)
YUV	51.9660, 21.7088, -9.6172
Hunter-Lab	18.7419, 6.4801, -23.3463




Details

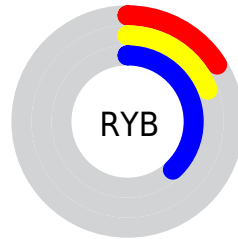
The Hex color **293160** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **605829**, and the grayscale version is **343434**.




A 20% lighter version of the original color is **5B5F93**, and **000231** is the 20% darker color. If you saturate the color by 10%, you get **1F2960**, and if you desaturate by 10%, it is **333960**.

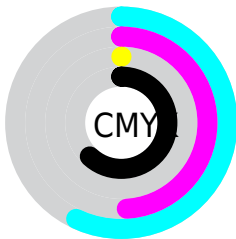
Distribution







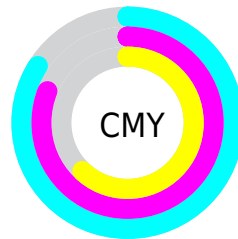
-  Red (16%)
-  Green (19%)
-  Blue (38%)






-  Red (16%)
-  Yellow (19%)
-  Blue (38%)



-  Cyan (57%)
-  Magenta (49%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (84%)
-  Magenta (81%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 293160 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 293160 by changing the saturation by 10% instead.

■ 293160

■ 293160

FFFFFF

■ 0E1C48

■ 5B5F93

■ 000231

■ 7578AE

■ 00011C

■ 8F91C9

■ 000000

■ AAACE5

■ C6C7FF

■ E2E3FF

■ 293160

■ 293160

■ 1F2960

■ 333960

■ 162160

■ 3C4160

■ 0C1860

■ 464A60

■ 031060

■ 4F5260

■ 000E60

■ 595A60

■ 636260

■ 6C6A60

■ 767360

■ 7F7B60

Harmonies

Analogous

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



003963



293160



4B2751

Triad

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



293160



562810



003F2E

Complementary

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



293160



605829

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.



103D16



293160



463100

Square

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



293160



5E1F24



303903



004046

Rectangle

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



293160



582043



303903



003F26

Sweetspot

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



293160



686B7D



296058



333540



BFBFBF



404040

Same Dimension

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



293160



27337D



3C2960



2C2C30



001070



0023F0

Inverse Universe

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



602931



7D2733



4D6029



302C2C



700010



F00023

Previews

White Background



This preview shows how the Hex color 293160 looks on a white background.

Color Contrast Check

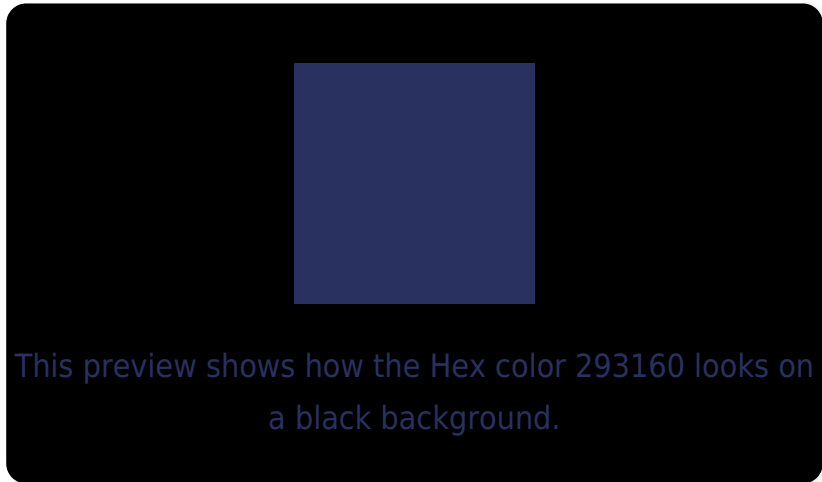
Large Text (above 18pt) WCAG AA ✓ Pass

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

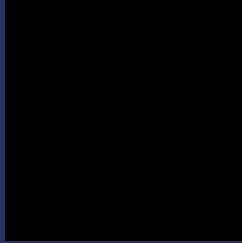
Any Text WCAG AA × Fail

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 293160 Background



This preview shows how black text looks on a background with the Hex color 293160.



This preview shows how white text looks on a background with the Hex color 293160.

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](#).

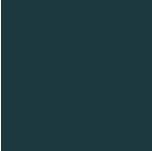
Dichromacy



Original Color
293160

Protanopia
1C3362

Deuteranopia
07365F



Tritanopia
1B393E

Trichromacy



Original Color
293160

Protanomaly
213261

Deuteranomaly
13345F

Tritanomaly
20364A

Monochromacy



Original Color
293160

Achromatopsia
343434

Achromatomaly
303344

CSS Examples

Text

The CSS property to change the color of the text to Hex 293160 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 #293160 looks like.

```
.text, #text, p{  
    color:#293160  
}
```

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 #293160 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #293160
}
```

Border

The CSS property to change the border of an element to Hex 293160 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
#293160 }
```

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

```
.border{ border-color:#293160 }
```

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

Here you see how a box with a 4 pixel #293160 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #293160; -webkit-box-shadow:4px 4px  
4px 4px #293160; box-shadow:4px 4px 4px  
4px #293160 }
```

Background

The CSS property to change the background color of an element to Hex 293160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#293160 }
```

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

```
.background{ background-color:#293160 }
```

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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