

Converting Colors

Hex(293894)

Have a look what the booklet for
Hex(293894) contains.

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Color

Hex(293894)

Conversions

Conversions Part 1

Format	Color
Hex	293894
RGB	41, 56, 148
RGB Percent	16%, 22%, 58%
CMY	0.8392, 0.7804, 0.4196
CMYK	0.72, 0.62, 0.00, 0.42
HSL	232°, 57%, 37%
HSV	232°, 72%, 58%
XYZ	7.6739, 5.4379, 28.6621
YIQ	62.0030, -38.4720, 25.4320

Conversions

Conversions Part 2

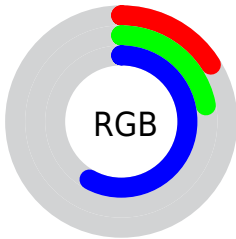
Format	Color
R _Y B	41, 54, 148
Decimal	2701460
CIE Lab	27.95, 26.68, -52.41
CIE LCh	28, 58.804, 296.976
Yxy	5.4379, 0.1837, 0.1302
Android (android.graphics.Color)	4280891540 (0xFF293894)
YUV	62.0030, 42.3965, -18.4196
Hunter-Lab	23.3193, 17.9322, -56.5509

Details

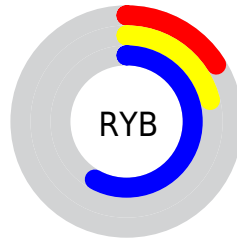
The Hex color **293894** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **948529**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **6567CB**, and **001060** is the 20% darker color. If you saturate the color by 10%, you get **1A2B94**, and if you desaturate by 10%, it is **384594**.

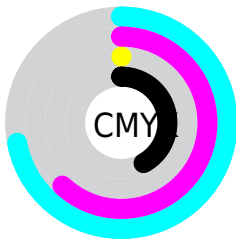
Distribution



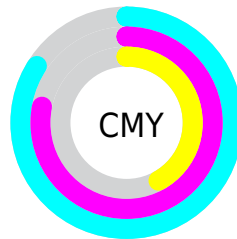
- Red (16%)
- Green (22%)
- Blue (58%)



- Red (16%)
- Yellow (21%)
- Blue (58%)



- Cyan (72%)
- Magenta (62%)
- Yellow (0%)
- Black (42%)



- Cyan (84%)
- Magenta (78%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 293894 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 293894 by changing the saturation by 10% instead.

■ 293894

■ 293894

FFFFFF

■ 00237A

■ 6567CB

■ 001060

■ 8280E7

■ 000048

■ 9E9AFF

■ 000430

■ BBB5FF

■ 00011A

■ D8D0FF

■ 000000

■ F6ECFF

■ 293894

■ 293894

■ 1A2B94

■ 384594

■ 0B1F94

■ 475194

■ 001594

■ 555E94

■ 646B94

■ 737894

■ 828494

■ 919194

■ 9F9E94

■ AEAB94

Harmonies

Analogous

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



004A9E



293894



711774

Triad

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



293894



772900



00543C

Complementary

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



293894



948529

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.



005107



293894



563F00

Square

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



293894



8B001C



294B00



00546A

Rectangle

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



293894



860058



294B00



00532C

Sweetspot

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



293894



959BBF



299484



484B61



E0E0E0



616161

Same Dimension

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



293894



1930BF



4E2994



43444A



00138A



00010A

Inverse Universe

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



942938



BF1930



6F9429



4A4344



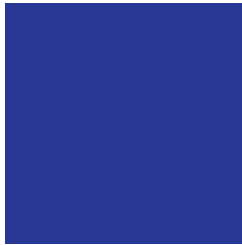
8A0013



0A0001

Previews

White Background



This preview shows how the Hex color 293894 looks on a white background.

Color Contrast Check

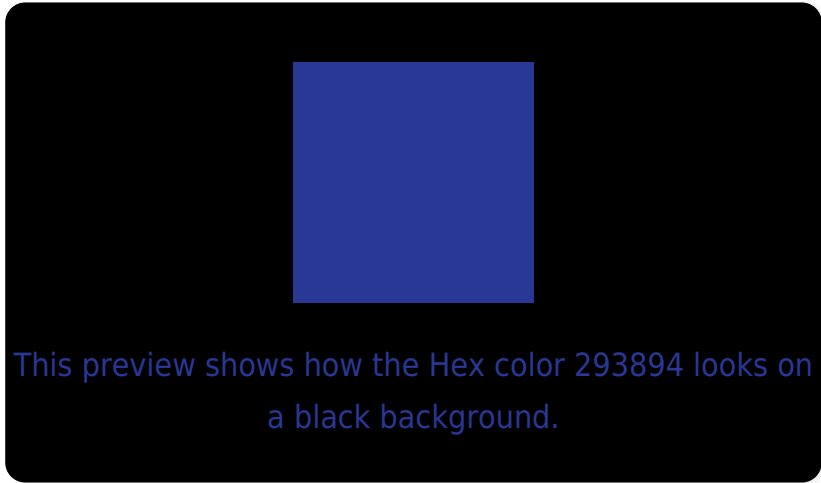
Large Text (above 18pt) WCAG AA ✓ Pass

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

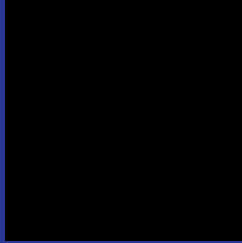
Any Text WCAG AA × Fail

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 293894 Background



This preview shows how black text looks on a background with the Hex color 293894.



This preview shows how white text looks on a background with the Hex color 293894.

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
293894

Protanopia
004087

Deuteranopia
004474



Tritanopia
00494E

Trichromacy



Original Color
293894

Protanomaly
0F3D8C

Deuteranomaly
0F4080

Tritanomaly
0F4367

Monochromacy



Original Color
293894

Achromatopsia
3E3E3E

Achromatomaly
363C5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 293894 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 #293894 looks like.

```
.text, #text, p{  
    color:#293894  
}
```

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 #293894 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #293894
}
```

Border

The CSS property to change the border of an element to Hex 293894 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".

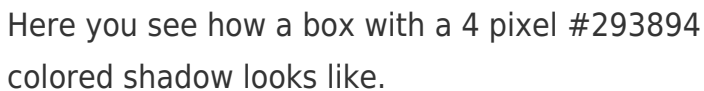
```
.border, #border, table{ border:4px solid
#293894 }
```

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

```
.border{ border-color:#293894 }
```

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

Here you see how a box with a 4 pixel #293894 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #293894; -webkit-box-shadow:4px 4px  
4px 4px #293894; box-shadow:4px 4px 4px  
4px #293894 }
```

Background

The CSS property to change the background color of an element to Hex 293894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#293894 }
```

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

```
.background{ background-color:#293894 }
```

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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