

Converting Colors

Hex(294479)

Have a look what the booklet for
Hex(294479) contains.

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Color

Hex(294479)

Conversions

Conversions Part 1

Format	Color
Hex	294479
RGB	41, 68, 121
RGB Percent	16%, 27%, 47%
CMY	0.8392, 0.7333, 0.5255
CMYK	0.66, 0.44, 0.00, 0.53
HSL	220°, 49%, 32%
HSV	220°, 66%, 47%
XYZ	6.4328, 5.9861, 18.9056
YIQ	65.9690, -33.1050, 10.7590

Conversions

Conversions Part 2

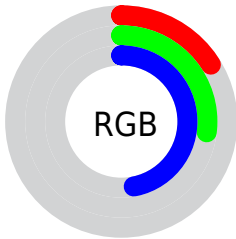
Format	Color
R_{YB}	41, 61, 121
Decimal	2704505
CIE _{Lab}	29.38, 8.17, -33.34
CIE _{LCh}	29, 34.326, 283.768
Yxy	5.9861, 0.2054, 0.1911
Android (android.graphics.Color)	4280894585 (0xFF294479)
YUV	65.9690, 27.1303, -21.8978
Hunter-Lab	24.4666, 4.1148, -28.6873




Details

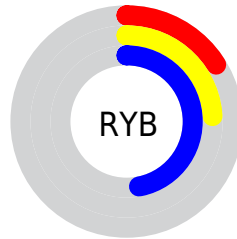
The Hex color **294479** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **795E29**, and the grayscale version is **424242**.




A 20% lighter version of the original color is **5F74AE**, and **001A48** is the 20% darker color. If you saturate the color by 10%, you get **1D3C79**, and if you desaturate by 10%, it is **354C79**.

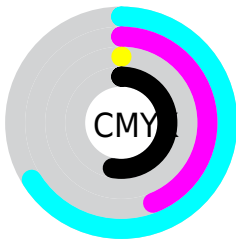
Distribution







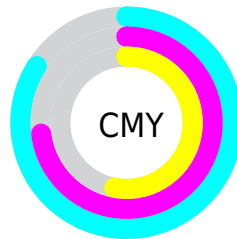
-  Red (16%)
-  Green (27%)
-  Blue (47%)






-  Red (16%)
-  Yellow (24%)
-  Blue (47%)



-  Cyan (66%)
-  Magenta (44%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (84%)
-  Magenta (73%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 294479 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 294479 by changing the saturation by 10% instead.

■ 294479

■ 294479

FFFFFF

■ 052E60

■ 5F74AE

■ 001A48

■ 7A8DC9

■ 000031

■ 95A7E6

■ 00011B

■ B0C3FF

■ 000000

■ CDDEFF

■ EAFBFF

■ 294479

■ 294479

■ 1D3C79

■ 354C79

■ 113479

■ 415479

■ 052C79

■ 4D5C79

■ 002979

■ 596479

■ 656C79

■ 727479

■ 7E7C79

■ 8A8479

■ 968C79

Harmonies

Analogous

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



004C78



294479



56396C

Triad

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



294479



703422



005135

Complementary

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



294479



795E29

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.



2A4E1C



294479



5F3F0F

Square

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



294479



762D3A



48480C



005251

Rectangle

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



294479



68325D



48480C



04502D

Sweetspot

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



294479



7E899E



29795D



3C424F



CFCFCF



4F4F4F

Same Dimension

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



294479



214B9E



352979



37393D



002A7D



0055FC

Inverse Universe

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



792944



9E214B



6D7929



3D3739



7D002A



FC0055

Previews

White Background



This preview shows how the Hex color 294479 looks on a white background.

Color Contrast Check

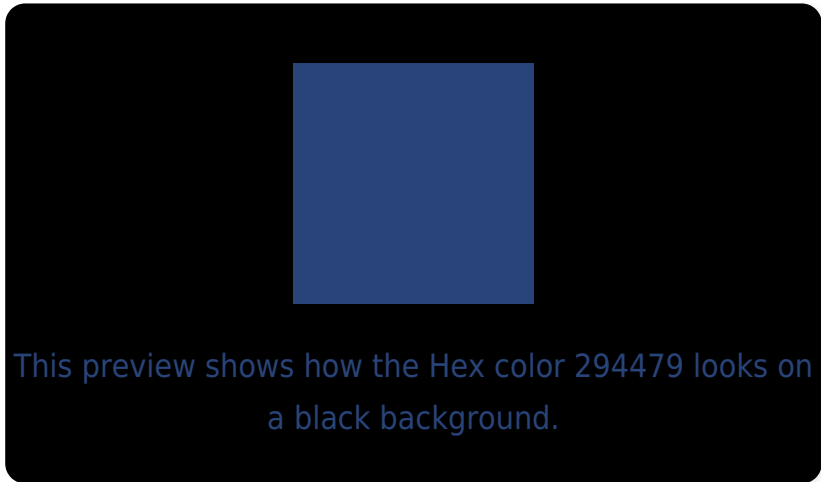
Large Text (above 18pt) WCAG AA ✓ Pass

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 294479 Background



This preview shows how black text looks on a background with the Hex color 294479.



This preview shows how white text looks on a background with the Hex color 294479.

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
294479

Protanopia
2D4378

Deuteranopia
1B4679



Tritanopia
0F4C53

Trichromacy



Original Color
294479

Protanomaly
204378

Deuteranomaly
204579

Tritanomaly
184961

Monochromacy



Original Color
294479

Achromatopsia
424242

Achromatomaly
394356

CSS Examples

Text

The CSS property to change the color of the text to Hex 294479 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 #294479 looks like.

```
.text, #text, p{  
    color:#294479  
}
```

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 #294479 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #294479
}
```

Border

The CSS property to change the border of an element to Hex 294479 is called "border". The border property can be set on classes, ids or directly on the HTML element.

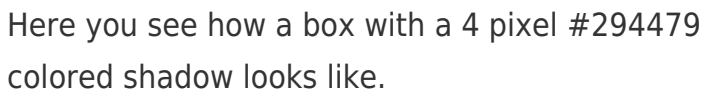
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#294479 }
```

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

```
.border{ border-color:#294479 }
```

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



Here you see how a box with a 4 pixel #294479 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #294479; -webkit-box-shadow:4px 4px  
4px 4px #294479; box-shadow:4px 4px 4px  
4px #294479 }
```

Background

The CSS property to change the background color of an element to Hex 294479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#294479 }
```

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

```
.background{ background-color:#294479 }
```

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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