

Converting Colors

Hex(294679)

Have a look what the booklet for
Hex(294679) contains.

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Color

Hex(294679)

Conversions

Conversions Part 1

Format	Color
Hex	294679
RGB	41, 70, 121
RGB Percent	16%, 27%, 47%
CMY	0.8392, 0.7255, 0.5255
CMYK	0.66, 0.42, 0.00, 0.53
HSL	218°, 49%, 32%
HSV	218°, 66%, 47%
XYZ	6.5558, 6.2322, 18.9466
YIQ	67.1430, -33.6550, 9.7130

Conversions

Conversions Part 2

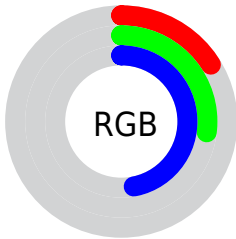
Format	Color
R_{YB}	41, 62, 121
Decimal	2705017
CIE Lab	29.99, 6.82, -32.36
CIE LCh	30, 33.073, 281.894
Yxy	6.2322, 0.2066, 0.1964
Android (android.graphics.Color)	4280895097 (0xFF294679)
YUV	67.1430, 26.5515, -22.9274
Hunter-Lab	24.9644, 3.1875, -27.5227

Details

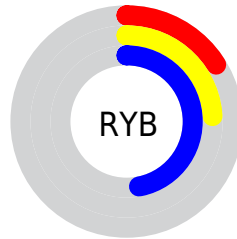
The Hex color **294679** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **795C29**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5F76AE**, and **001C48** is the 20% darker color. If you saturate the color by 10%, you get **1D3E79**, and if you desaturate by 10%, it is **354E79**.

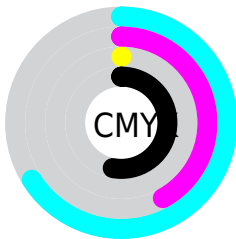
Distribution



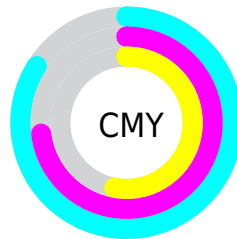
- Red (16%)
- Green (27%)
- Blue (47%)



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



- Cyan (66%)
- Magenta (42%)
- Yellow (0%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 294679 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 294679 by changing the saturation by 10% instead.

■ 294679

■ 294679

FFFFFF

■ 053060

■ 5F76AE

■ 001C48

■ 7A8FC9

■ 000031

■ 95AAE6

■ 00011B

■ B0C5FF

■ 000000

■ CDE1FF

■ EAFFFF

■ 294679

■ 294679

■ 1D3E79

■ 354E79

■ 113779

■ 415579

■ 052F79

■ 4D5D79

■ 002C79

■ 596579

■ 656D79

■ 727479

■ 7E7C79

■ 8A8479

■ 968B79

Harmonies

Analogous

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



004E77



294679



553B6D

Triad

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



294679



713625



005236

Complementary

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



294679



795C29

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.



2E4F1E



294679



614014

Square

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



294679



762F3D



4B4910



005350

Rectangle

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



294679



67355F



4B4910



11512D

Sweetspot

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



294679



7E8A9E



29795C



3C434F



CFCFCF



4F4F4F

Same Dimension

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



294679



214E9E



342979



37393D



002D7D



005CFC

Inverse Universe

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



792946



9E214E



6E7929



3D3739



7D002D



FC005C

Previews

White Background



This preview shows how the Hex color 294679 looks on a white background.

Color Contrast Check

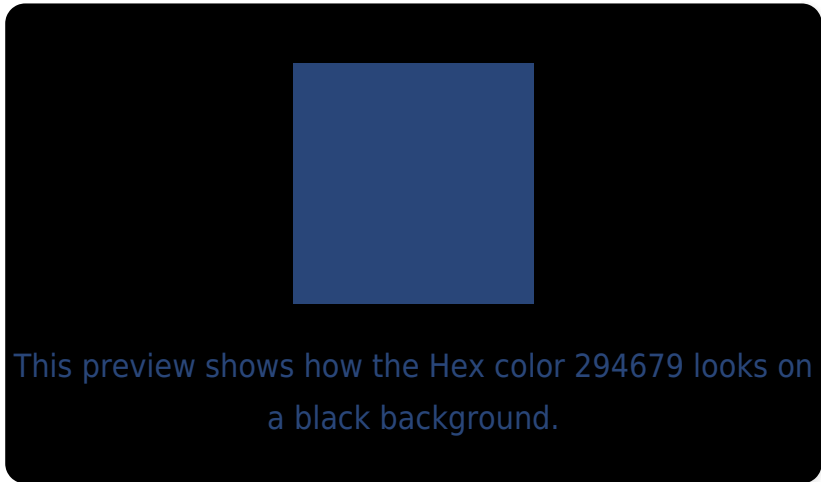
Large Text (above 18pt) WCAG AA ✓ Pass

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 294679 Background



This preview shows how black text looks on a background with the Hex color 294679.



This preview shows how white text looks on a background with the Hex color 294679.

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
294679

Protanopia
314578

Deuteranopia
214779



Tritanopia
114E54

Trichromacy



Original Color
294679

Protanomaly
2E4578

Deuteranomaly
244779

Tritanomaly
1A4B61

Monochromacy



Original Color
294679

Achromatopsia
434343

Achromatomaly
3A4457

CSS Examples

Text

The CSS property to change the color of the text to Hex 294679 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 #294679 looks like.

```
.text, #text, p{  
    color:#294679  
}
```

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 #294679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #294679
}
```

Border

The CSS property to change the border of an element to Hex 294679 is called "border". The border property can be set on classes, ids or directly on the HTML element.

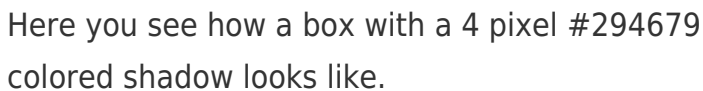
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#294679 }
```

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

```
.border{ border-color:#294679 }
```

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



Here you see how a box with a 4 pixel #294679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #294679; -webkit-box-shadow:4px 4px  
4px 4px #294679; box-shadow:4px 4px 4px  
4px #294679 }
```

Background

The CSS property to change the background color of an element to Hex 294679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#294679 }
```

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

```
.background{ background-color:#294679 }
```

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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