

Converting Colors

Hex(294666)

Have a look what the booklet for
Hex(294666) contains.

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Color

Hex(294666)

Conversions

Conversions Part 1

Format	Color
Hex	294666
RGB	41, 70, 102
RGB Percent	16%, 27%, 40%
CMY	0.8392, 0.7255, 0.6000
CMYK	0.60, 0.31, 0.00, 0.60
HSL	211°, 43%, 28%
HSV	211°, 60%, 40%
XYZ	5.5029, 5.8110, 13.4020
YIQ	64.9770, -27.5560, 3.8040

Conversions

Conversions Part 2

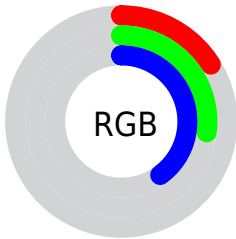
Format	Color
R _Y B	41, 61, 102
Decimal	2704998
CIE Lab	28.93, -0.24, -22.02
CIE LCh	29, 22.022, 269.381
Yxy	5.8110, 0.2226, 0.2351
Android (android.graphics.Color)	4280895078 (0xFF294666)
YUV	64.9770, 18.2523, -21.0278
Hunter-Lab	24.1061, -1.4381, -16.0885

Details

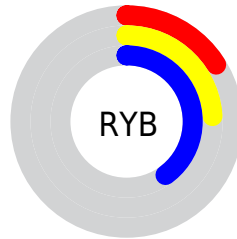
The Hex color **294666** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **664929**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5C7699**, and **001B37** is the 20% darker color. If you saturate the color by 10%, you get **1F4166**, and if you desaturate by 10%, it is **334B66**.

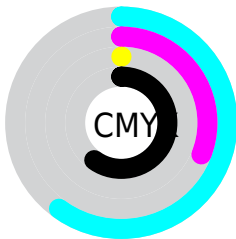
Distribution



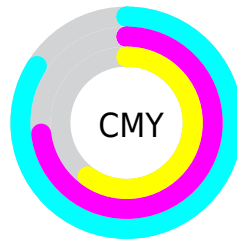
- Red (16%)
- Green (27%)
- Blue (40%)



- Red (16%)
- Yellow (24%)
- Blue (40%)



- Cyan (60%)
- Magenta (31%)
- Yellow (0%)
- Black (60%)



- Cyan (84%)
- Magenta (73%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 294666 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 294666 by changing the saturation by 10% instead.

■ 294666

■ 294666

FFFFFF

■ 0D304E

■ 5C7699

■ 001B37

■ 7590B4

■ 000222

■ 90AAD0

■ 000007

■ ABC5EC

■ 000000

■ C7E1FF

■ E3FEFF

■ 294666

■ 294666

■ 1F4166

■ 334B66

■ 153B66

■ 3D5166

■ 0A3666

■ 485666

■ 003166

■ 525B66

■ 003066

■ 5C6166

■ 666666

■ 706B66

■ 7B7166

■ 857666

Harmonies

Analogous

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



004A61



294666



454062

Triad

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



294666



643834



294C32

Complementary

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



294666



664929

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.



3E4826



294666



5D3D27

Square

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



294666



633745



4F4322



0D4D43

Rectangle

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



294666



543C5A



4F4322



304B2D

Sweetspot

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



294666



6D7885



296649



343B42



C2C2C2



424242

Same Dimension

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



294666



255385



2A2966



2E3033



003773



0073F2

Inverse Universe

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



662946



852553



656629



332E30



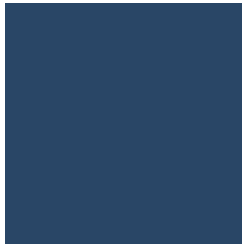
730037



F20073

Previews

White Background



This preview shows how the Hex color 294666 looks on a white background.

Color Contrast Check

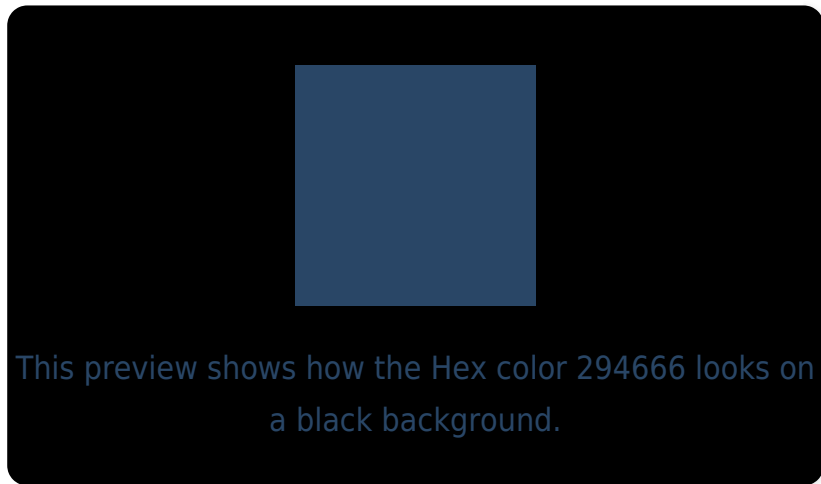
Large Text (above 18pt) WCAG AA ✓ Pass

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

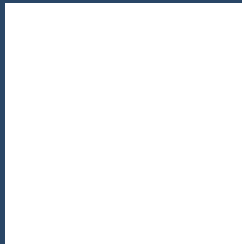
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 294666 Background



This preview shows how black text looks on a background with the Hex color 294666.



This preview shows how white text looks on a background with the Hex color 294666.

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

294666

Protanopia

394363

Deuteranopia

344467



Tritanopia
1F4A50

Trichromacy



Original Color
294666

Protanomaly
334464

Deuteranomaly
304567

Tritanomaly
234958

Monochromacy



Original Color
294666

Achromatopsia
414141

Achromatomaly
38434E

CSS Examples

Text

The CSS property to change the color of the text to Hex 294666 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 #294666 looks like.

```
.text, #text, p{  
    color:#294666  
}
```

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 #294666 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #294666
}
```

Border

The CSS property to change the border of an element to Hex 294666 is called "border". The border property can be set on classes, ids or directly on the HTML element.

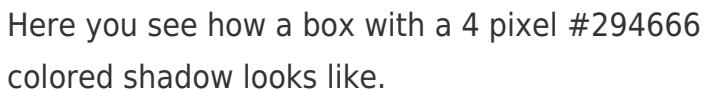
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#294666 }
```

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

```
.border{ border-color:#294666 }
```

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



Here you see how a box with a 4 pixel #294666 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #294666; -webkit-box-shadow:4px 4px  
4px 4px #294666; box-shadow:4px 4px 4px  
4px #294666 }
```

Background

The CSS property to change the background color of an element to Hex 294666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#294666 }
```

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

```
.background{ background-color:#294666 }
```

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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