

# Converting Colors

Hex(294EC6)

Have a look what the booklet for  
Hex(294EC6) contains.

<b>Hex(294EC6)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(294EC6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	294EC6
RGB	41, 78, 198
RGB Percent	16%, 31%, 78%
CMY	0.8392, 0.6941, 0.2235
CMYK	0.79, 0.61, 0.00, 0.22
HSL	226°, 66%, 47%
HSV	226°, 79%, 78%
XYZ	13.8319, 9.9974, 54.6268
YIQ	80.6170, -60.5720, 29.4760

# Conversions

## Conversions Part 2

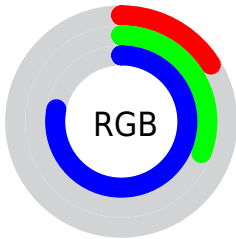
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 71, 198
Decimal	2707142
CIE <sub>Lab</sub>	37.84, 30.94, -66.10
CIE <sub>LCh</sub>	38, 72.978, 295.083
Yxy	9.9974, 0.1763, 0.1274
Android (android.graphics.Color)	4280897222 (0xFF294EC6)
YUV	80.6170, 57.8698, -34.7441
Hunter-Lab	31.6187, 22.7538, -80.3007

# Details

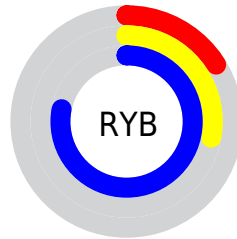
The Hex color **294EC6** is a dark color, and the websafe version is hex **003399**. The color can be described as dark muted blue. A complement of this color would be **C6A129**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **707FFF**, and **00238F** is the 20% darker color. If you saturate the color by 10%, you get **153FC6**, and if you desaturate by 10%, it is **3D5DC6**.

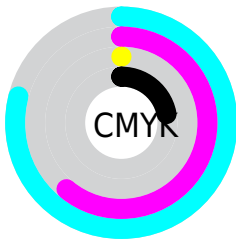
# Distribution



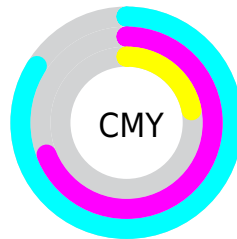
- Red (16%)
- Green (31%)
- Blue (78%)



- Red (16%)
- Yellow (28%)
- Blue (78%)



- Cyan (79%)
- Magenta (61%)
- Yellow (0%)
- Black (22%)



- Cyan (84%)
- Magenta (69%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 294EC6 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 294EC6 by changing the saturation by 10% instead.



■ 294EC6

■ 294EC6

FFFFFF

■ 0038AA

■ 707FFF

■ 00238F

■ 8F98FF

■ 001175

■ ADB3FF

■ 00005B

■ CBCFFF

■ 000743

■ E9EBFF

■ 00032B

■ 000116

■ 000000

■ 294EC6

■ 294EC6

■ 153FC6

■ 3D5DC6

■ 0130C6

■ 516CC6

■ 002FC6

■ 647BC6

■ 788BC6

■ 8C9AC6

■ A0A9C6

■ B4B8C6

■ C7C7C6

■ DBD6C6

# Harmonies

## Analogous

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



0064D1



294EC6



93249E

# Triad

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



294EC6



A03600



00704D

# Complementary

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



294EC6



C6A129

# 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.



006C03



294EC6



765400

# Square

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



294EC6



B9002C



3D6400



00718A

# Rectangle

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



294EC6



B00079



3D6400



006F38



# Sweetspot

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



294EC6



C2D0FF



29C69F



5B6380



000000



808080



# Same Dimension

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



294EC6



0D46FF



5029C6



5A5C63



0026A3



000824



# Inverse Universe

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



C6294E



FF0D46



9FC629



635A5C



A30026



240008



# Previews

## White Background



This preview shows how the Hex color 294EC6 looks on a white background.

## Color Contrast Check

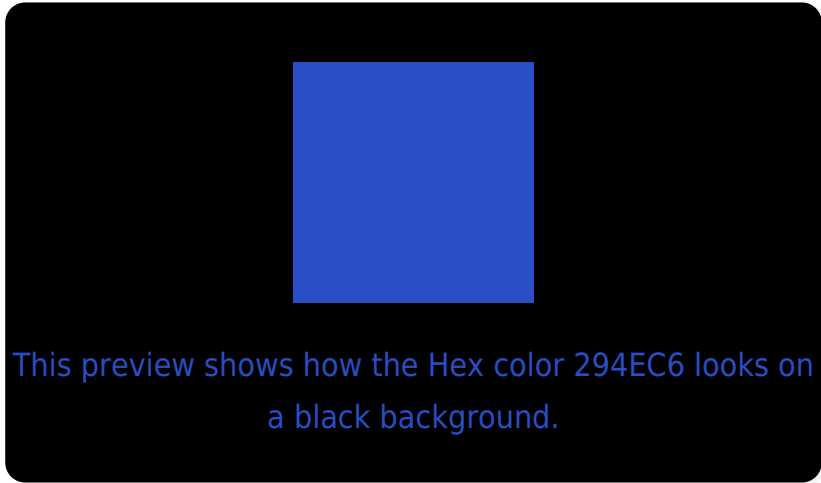
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Any Text WCAG AA × Fail

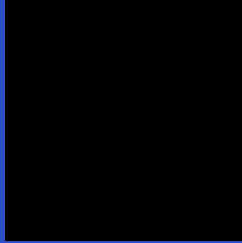
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 294EC6 Background



This preview shows how black text looks on a background with the Hex color 294EC6.



This preview shows how white text looks on a background with the Hex color 294EC6.

# Color Blindness Simulation

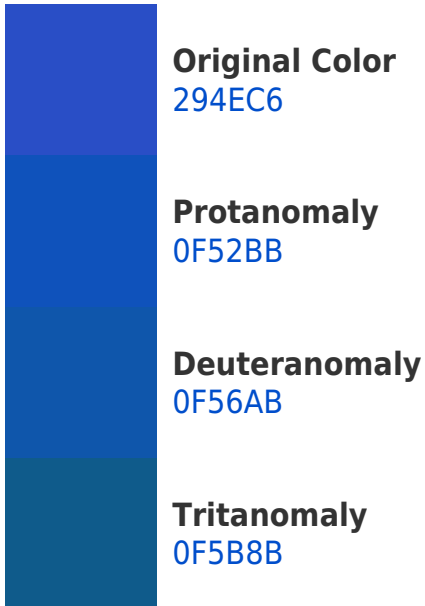
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 294EC6 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 #294EC6 looks like.

```
.text, #text, p{  
    color:#294EC6  
}
```

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 #294EC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #294EC6
}
```

## Border

The CSS property to change the border of an element to Hex 294EC6 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
#294EC6 }
```

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

```
.border{ border-color:#294EC6 }
```

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

Here you see how a box with a 4 pixel #294EC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #294EC6; -webkit-box-shadow:4px 4px  
4px 4px #294EC6; box-shadow:4px 4px 4px  
4px #294EC6 }
```

# Background

The CSS property to change the background color of an element to Hex 294EC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#294EC6 }
```

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

```
.background{ background-color:#294EC6 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor