

# Converting Colors

Hex(295A83)

Have a look what the booklet for  
Hex(295A83) contains.

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# Color

Hex(295A83)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	295A83
RGB	41, 90, 131
RGB Percent	16%, 35%, 51%
CMY	0.8392, 0.6471, 0.4863
CMYK	0.69, 0.31, 0.00, 0.49
HSL	207°, 52%, 34%
HSV	207°, 69%, 51%
XYZ	8.6673, 9.4224, 22.8346
YIQ	80.0230, -42.3650, 2.3630

# Conversions

## Conversions Part 2

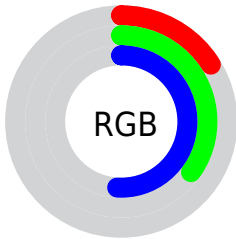
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 73, 131
Decimal	2710147
CIELab	36.79, -2.47, -27.82
CIElCh	37, 27.925, 264.928
Yxy	9.4224, 0.2118, 0.2302
Android (android.graphics.Color)	4280900227 (0xFF295A83)
YUV	80.0230, 25.1317, -34.2232
Hunter-Lab	30.6960, -3.3166, -22.6184

# Details

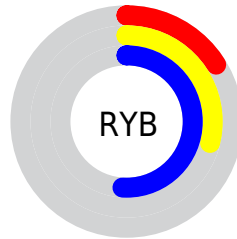
The Hex color **295A83** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **835229**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **618CB8**, and **002D51** is the 20% darker color. If you saturate the color by 10%, you get **1C5483**, and if you desaturate by 10%, it is **366083**.

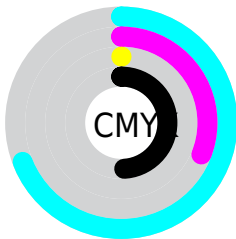
# Distribution



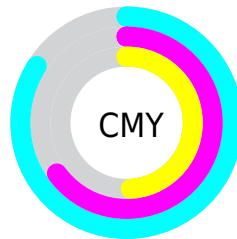
- Red (16%)
- Green (35%)
- Blue (51%)



- Red (16%)
- Yellow (29%)
- Blue (51%)



- Cyan (69%)
- Magenta (31%)
- Yellow (0%)
- Black (49%)



- Cyan (84%)
- Magenta (65%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 295A83 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 295A83 by changing the saturation by 10% instead.



■ 295A83

■ 295A83

FFFFFF

■ 01436A

■ 618CB8

■ 002D51

■ 7CA6D4

■ 00193A

■ 97C1F0

■ 000224

■ B3DDFF

■ 00000C

■ D0FAFF

■ 000000

■ EDFFFF

■ 295A83

■ 295A83

■ 1C5483

■ 366083

■ 0F4E83

■ 436683

■ 024883

■ 506C83

■ 004783

■ 5D7283

■ 6A7883

■ 787E83

■ 858483

■ 928A83

■ 9F9083

# Harmonies

## Analogous

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



005F7B



295A83



53527F

# Triad

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



295A83



814645



37603C

# Complementary

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



295A83



835229

# 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.



525B2D



295A83



794C32

# Square

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



295A83



7E455B



685429



0E6252

# Rectangle

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



295A83



674C76



685429



405E36



# Sweetspot

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



295A83



879BAB



298352



414D57



D6D6D6



575757



# Same Dimension

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



295A83



1F6BAB



292D83



3C3F42



004782



000103



# Inverse Universe

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



83295A



AB1F6B



837E29



423C3F



820047



030001



# Previews

## White Background



This preview shows how the Hex color 295A83 looks on a white background.

## Color Contrast Check

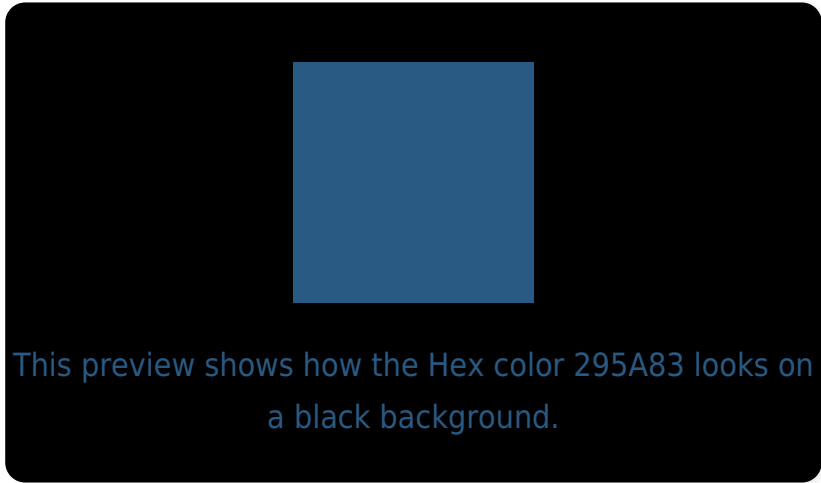
Large Text (above 18pt) WCAG AA ✓ Pass

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

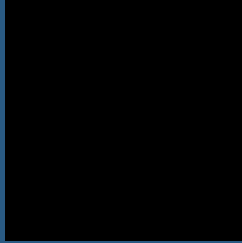
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 295A83 Background



This preview shows how black text looks on a background with the Hex color 295A83.



This preview shows how white text looks on a background with the Hex color 295A83.

# 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**  
295A83

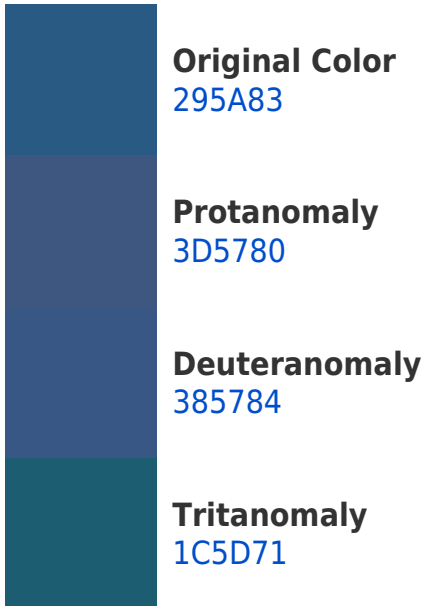
**Protanopia**  
48557F

**Deuteranopia**  
405684

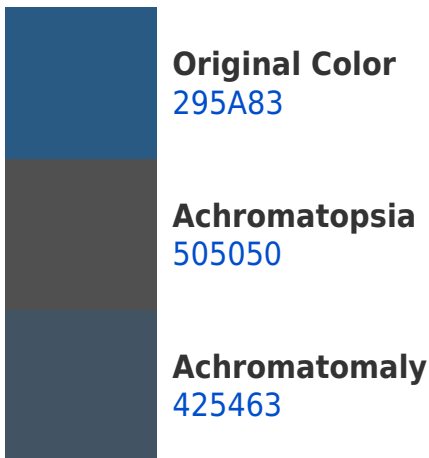


**Tritanopia**  
155F67

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 295A83 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 #295A83 looks like.

```
.text, #text, p{  
    color:#295A83  
}
```

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 #295A83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #295A83
}
```

## Border

The CSS property to change the border of an element to Hex 295A83 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
#295A83 }
```

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

```
.border{ border-color:#295A83 }
```

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

Here you see how a box with a 4 pixel #295A83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #295A83; -webkit-box-shadow:4px 4px  
4px 4px #295A83; box-shadow:4px 4px 4px  
4px #295A83 }
```

# Background

The CSS property to change the background color of an element to Hex 295A83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#295A83 }
```

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

```
.background{ background-color:#295A83 }
```

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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