

Converting Colors

Hex(295D9C)

Have a look what the booklet for
Hex(295D9C) contains.

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Color

Hex(295D9C)

Conversions

Conversions Part 1

Format	Color
Hex	295D9C
RGB	41, 93, 156
RGB Percent	16%, 36%, 61%
CMY	0.8392, 0.6353, 0.3882
CMYK	0.74, 0.40, 0.00, 0.39
HSL	213°, 58%, 39%
HSV	213°, 74%, 61%
XYZ	10.8296, 10.7004, 32.9471
YIQ	84.6340, -51.2150, 8.5690

Conversions

Conversions Part 2

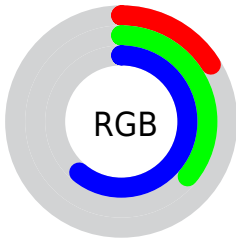
Format	Color
R_{YB}	41, 77, 156
Decimal	2710940
CIE Lab	39.07, 5.02, -39.32
CIE LCh	39, 39.640, 277.277
Yxy	10.7004, 0.1988, 0.1964
Android (android.graphics.Color)	4280901020 (0xFF295D9C)
YUV	84.6340, 35.1834, -38.2670
Hunter-Lab	32.7115, 1.8496, -36.8190




Details

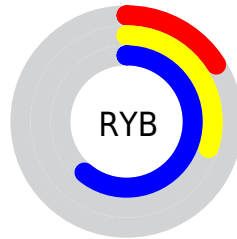
The Hex color **295D9C** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9C6829**, and the grayscale version is **545454**.



A 20% lighter version of the original color is **668FD3**, and **003068** is the 20% darker color. If you saturate the color by 10%, you get **19549C**, and if you desaturate by 10%, it is **39669C**.

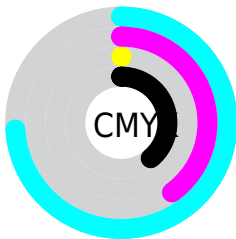
Distribution







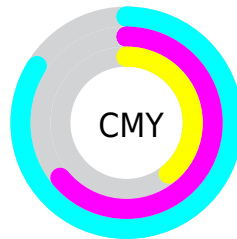
-  Red (16%)
-  Green (36%)
-  Blue (61%)






-  Red (16%)
-  Yellow (30%)
-  Blue (61%)



-  Cyan (74%)
-  Magenta (40%)
-  Yellow (0%)
-  Black (39%)



-  Cyan (84%)
-  Magenta (64%)
-  Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 295D9C 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 295D9C by changing the saturation by 10% instead.

■ 295D9C

■ 295D9C

FFFFFF

■ 004682

■ 668FD3

■ 003068

■ 82A9EF

■ 001C50

■ 9EC4FF

■ 000438

■ BBE0FF

■ 000222

■ D8FDFF

■ 000008

■ F6FFFF

■ 000000

■ 295D9C

■ 295D9C

■ 19549C

■ 39669C

■ 0A4C9C

■ 486E9C

■ 00479C

■ 58779C

■ 677F9C

■ 77889C

■ 87909C

■ 96999C

■ A6A19C

■ B5AA9C

Harmonies

Analogous

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



006697



295D9C



685090

Triad

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



295D9C



934537



036A42

Complementary

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



295D9C



9C6829

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.



446526



295D9C



81511F

Square

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



295D9C



973E55



665D16



006C63

Rectangle

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



295D9C



80477F



665D16



246938

Sweetspot

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



295D9C



9FB3CC



299C66



4B5766



E6E6E6



666666

Same Dimension

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



295D9C



186ACC



2D299C



474B4F



00418F



00070F

Inverse Universe

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



9C295D



CC186A



989C29



4F474B



8F0041



0F0007

Previews

White Background



This preview shows how the Hex color 295D9C looks on a white background.

Color Contrast Check

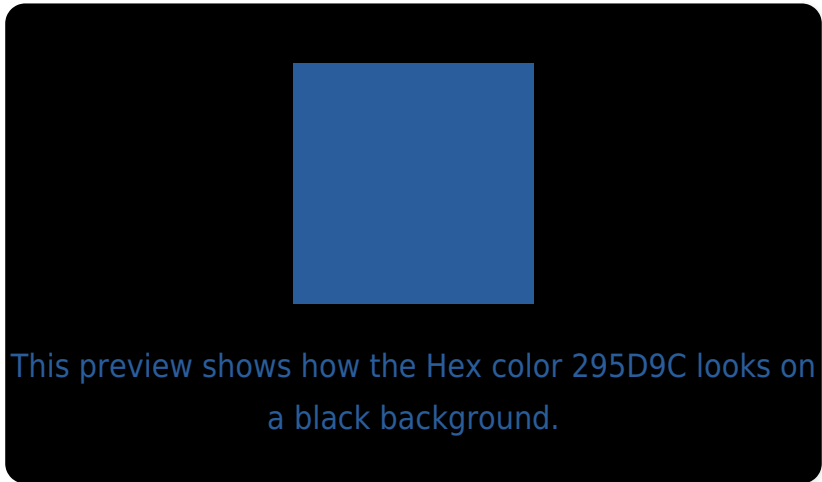
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 295D9C Background



This preview shows how black text looks on a background with the Hex color 295D9C.



This preview shows how white text looks on a background with the Hex color 295D9C.

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
295D9C

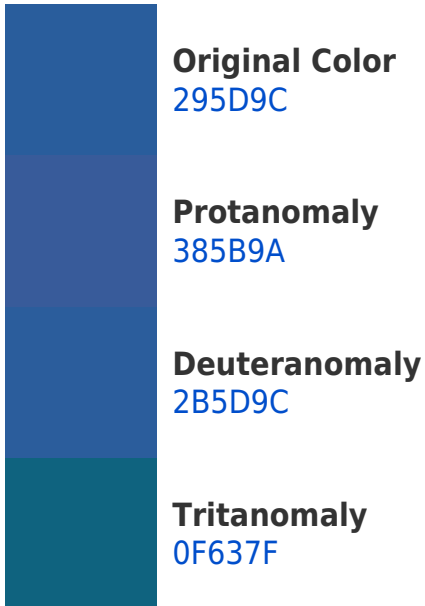
Protanopia
415A99

Deuteranopia
2C5D9C

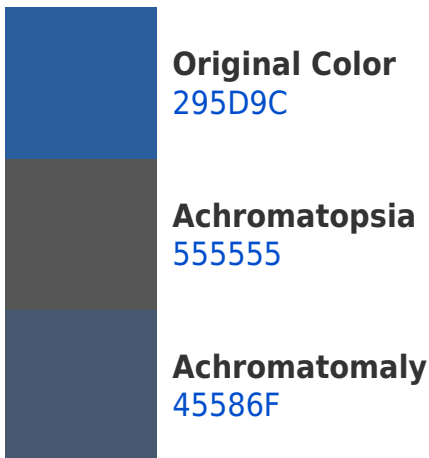


Tritanopia
00666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 295D9C 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 #295D9C looks like.

```
.text, #text, p{  
    color:#295D9C  
}
```

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 #295D9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #295D9C
}
```

Border

The CSS property to change the border of an element to Hex 295D9C 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
#295D9C }
```

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

```
.border{ border-color:#295D9C }
```

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

Here you see how a box with a 4 pixel #295D9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #295D9C; -webkit-box-shadow:4px 4px  
4px 4px #295D9C; box-shadow:4px 4px 4px  
4px #295D9C }
```

Background

The CSS property to change the background color of an element to Hex 295D9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#295D9C }
```

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

```
.background{ background-color:#295D9C }
```

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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