

Converting Colors

Hex(295EC7)

Have a look what the booklet for
Hex(295EC7) contains.

Hex(295EC7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(295EC7)

Conversions

Conversions Part 1

Format	Color
Hex	295EC7
RGB	41, 94, 199
RGB Percent	16%, 37%, 78%
CMY	0.8392, 0.6314, 0.2196
CMYK	0.79, 0.53, 0.00, 0.22
HSL	220°, 66%, 47%
HSV	220°, 79%, 78%
XYZ	15.2260, 12.6003, 55.6624
YIQ	90.1230, -65.2930, 21.4190

Conversions

Conversions Part 2

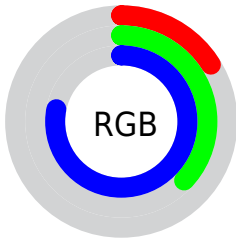
Format	Color
R _Y B	41, 81, 199
Decimal	2711239
CIE Lab	42.15, 20.88, -59.65
CIE LCh	42, 63.201, 289.295
Yxy	12.6003, 0.1824, 0.1509
Android (android.graphics.Color)	4280901319 (0xFF295EC7)
YUV	90.1230, 53.6764, -43.0809
Hunter-Lab	35.4970, 14.4455, -68.1242

Details

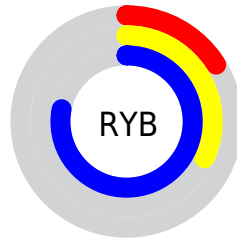
The Hex color **295EC7** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **C79229**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **6F90FF**, and **003190** is the 20% darker color. If you saturate the color by 10%, you get **1551C7**, and if you desaturate by 10%, it is **3D6BC7**.

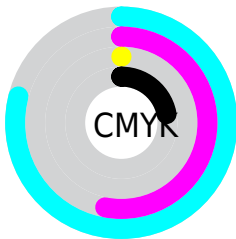
Distribution



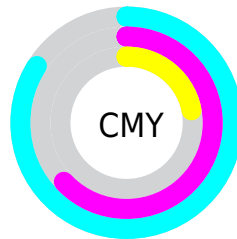
- Red (16%)
- Green (37%)
- Blue (78%)



- Red (16%)
- Yellow (32%)
- Blue (78%)



- Cyan (79%)
- Magenta (53%)
- Yellow (0%)
- Black (22%)



- Cyan (84%)
- Magenta (63%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 295EC7 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 295EC7 by changing the saturation by 10% instead.

 295EC7

 295EC7

FFFFFF

 0047AB

 6F90FF

 003190

 8EAAFF

 001E76

 ACC5FF

 00055C

 CAE1FF

 000744

 E8FEFF

 00032D

 000117

 000000

 295EC7

 295EC7

■ 1551C7

■ 3D6BC7

■ 0144C7

■ 5178C7

■ 0043C7

■ 6586C7

■ 7993C7

■ 8DA0C7

■ A0ADC7

■ B4BBC7

■ C8C8C7

■ DCD5C7

Harmonies

Analogous

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



006FCB



295EC7



8E43A8

Triad

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



295EC7



AB4211



00794E

Complementary

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



295EC7



C79229

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.



007415



295EC7



885B00

Square

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



295EC7



BD2645



596B00



007A85

Rectangle

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



295EC7



AC2E89



596B00



00783C

Sweetspot

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



295EC7



C2D6FF



29C790



5B6780



000000



808080

Same Dimension

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



295EC7



0D5EFF



4129C7



5A5D63



0037A3



000C24

Inverse Universe

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



C7295E



FF0D5E



AFC729



635A5D



A30037



24000C

Previews

White Background



This preview shows how the Hex color 295EC7 looks on a white background.

Color Contrast Check

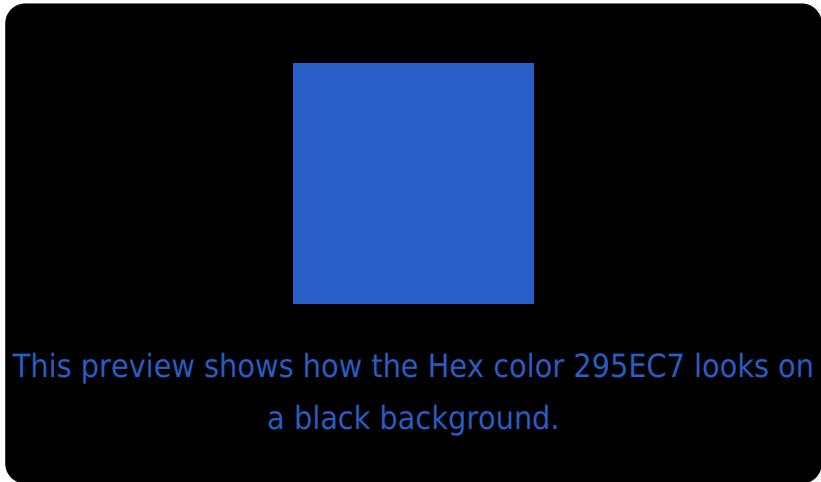
Large Text (above 18pt) WCAG AA ✓ Pass

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

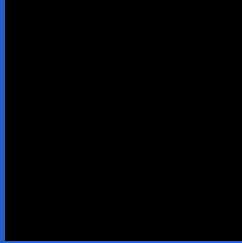
Any Text WCAG AA × Fail

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 295EC7 Background



This preview shows how black text looks on a background with the Hex color 295EC7.



This preview shows how white text looks on a background with the Hex color 295EC7.

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](#).

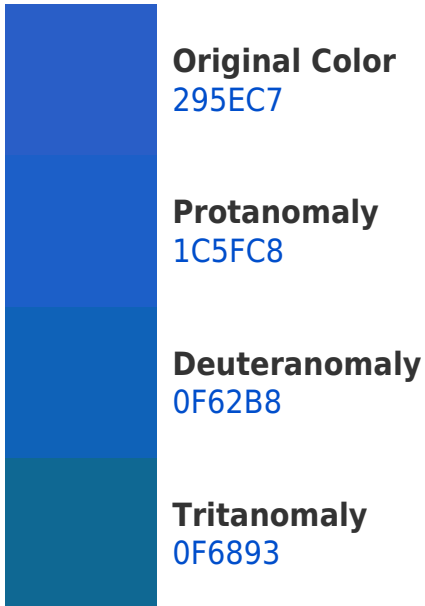
Dichromacy





Tritanopia
006E75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 295EC7 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 #295EC7 looks like.

```
.text, #text, p{  
    color:#295EC7  
}
```

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 #295EC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #295EC7
}
```

Border

The CSS property to change the border of an element to Hex 295EC7 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
#295EC7 }
```

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

```
.border{ border-color:#295EC7 }
```

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

Here you see how a box with a 4 pixel #295EC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #295EC7; -webkit-box-shadow:4px 4px  
4px 4px #295EC7; box-shadow:4px 4px 4px  
4px #295EC7 }
```

Background

The CSS property to change the background color of an element to Hex 295EC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#295EC7 }
```

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

```
.background{ background-color:#295EC7 }
```

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