

Converting Colors

Hex(295ECD)

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

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Color

Hex(295ECD)

Conversions

Conversions Part 1

Format	Color
Hex	295ECD
RGB	41, 94, 205
RGB Percent	16%, 37%, 80%
CMY	0.8392, 0.6314, 0.1961
CMYK	0.80, 0.54, 0.00, 0.20
HSL	221°, 67%, 48%
HSV	221°, 80%, 80%
XYZ	15.9366, 12.8846, 59.4046
YIQ	90.8070, -67.2190, 23.2850

Conversions

Conversions Part 2

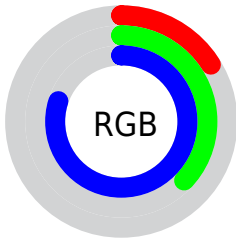
Format	Color
R_{YB}	41, 81, 205
Decimal	2711245
CIE _{Lab}	42.59, 23.17, -62.41
CIE _{LCh}	43, 66.573, 290.371
Yxy	12.8846, 0.1806, 0.1460
Android (android.graphics.Color)	4280901325 (0xFF295ECD)
YUV	90.8070, 56.2971, -43.6807
Hunter-Lab	35.8951, 16.4334, -72.9954

Details

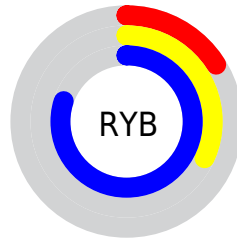
The Hex color **295ECD** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **CD9829**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **7190FF**, and **003196** is the 20% darker color. If you saturate the color by 10%, you get **1450CD**, and if you desaturate by 10%, it is **3E6CCD**.

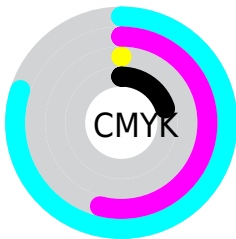
Distribution



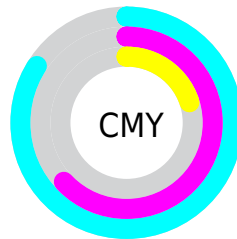
- Red (16%)
- Green (37%)
- Blue (80%)



- Red (16%)
- Yellow (32%)
- Blue (80%)



- Cyan (80%)
- Magenta (54%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (63%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 295ECD

 295ECD

FFFFFF

 0047B1

 7190FF

 003196

 8FAAFF

 001E7B

 AEC5FF

 000762

 CCE1FF

 000949

 EBFEEF

 000431

 00011B

 000000

 295ECD

 295ECD

■ 1450CD

■ 3E6CCD

■ 0042CD

■ 527ACD

■ 6788CD

■ 7B96CD

■ 90A3CD

■ A4B1CD

■ B9BFCD

■ CDCDCD

■ E2DBCD

Harmonies

Analogous

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



0071D2



295ECD



9340AC

Triad

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



295ECD



AF4108



007B50

Complementary

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



295ECD



CD9829

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.



007612



295ECD



895C00

Square

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



295ECD



C22042



576D00



007C8A

Rectangle

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



295ECD



B2288B



576D00



007A3D

Sweetspot

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



295ECD



C2D6FF



29CD96



5B6680



000000



808080

Same Dimension

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



295ECD



0A59FF



4429CD



5C5F66



0036A6



000C26

Inverse Universe

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



CD295E



FF0A59



B2CD29



665C5F



A60036



26000C

Previews

White Background



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

Color Contrast Check

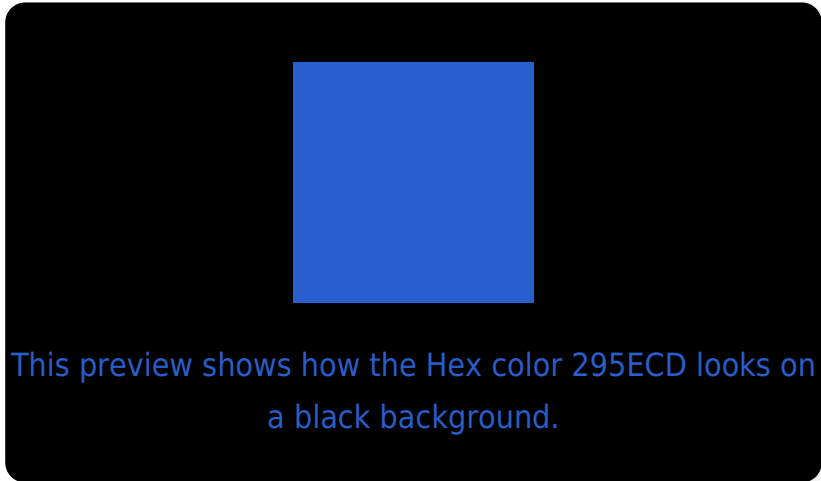
Large Text (above 18pt) WCAG AA ✓ Pass

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

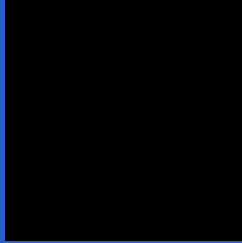
Any Text WCAG AA × Fail

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 295ECD Background



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



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

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](#).

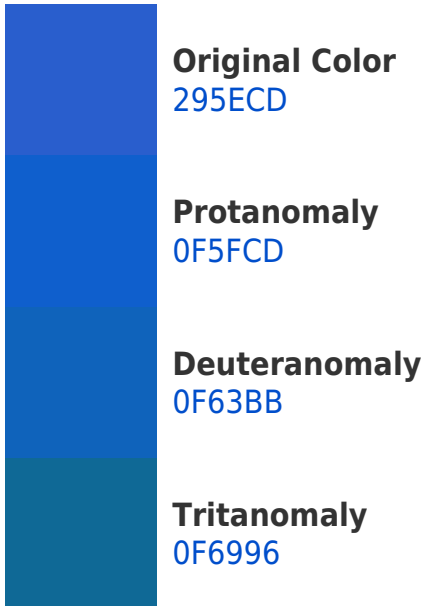
Dichromacy





Tritanopia
006F76

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #295ECD colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 295ECD 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".

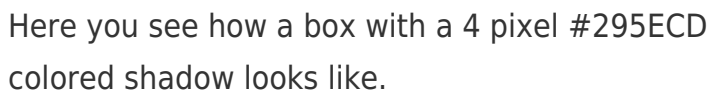
```
.border, #border, table{ border:4px solid
#295ECD }
```

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

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

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

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

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

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

Background

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

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

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

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

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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