

# Converting Colors

Hex(295DEA)

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

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# Color

**Hex(295DEA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	295DEA
RGB	41, 93, 234
RGB Percent	16%, 36%, 92%
CMY	0.8392, 0.6353, 0.0824
CMYK	0.82, 0.60, 0.00, 0.08
HSL	224°, 82%, 54%
HSV	224°, 82%, 92%
XYZ	19.6801, 14.2406, 79.5534
YIQ	93.5260, -76.2530, 32.8270

# Conversions

## Conversions Part 2

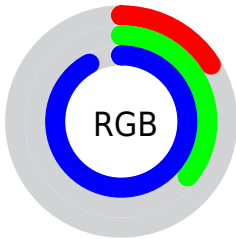
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 82, 234
Decimal	2711018
CIE <sub>Lab</sub>	44.58, 34.70, -75.69
CIE <sub>LCh</sub>	45, 83.266, 294.627
Yxy	14.2406, 0.1734, 0.1255
Android (android.graphics.Color)	4280901098 (0xFF295DEA)
YUV	93.5260, 69.2537, -46.0653
Hunter-Lab	37.7368, 27.0501, -98.5743

# Details

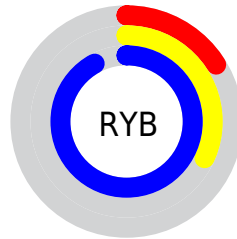
The Hex color **295DEA** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **EAB629**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **788FFF**, and **0030B1** is the 20% darker color. If you saturate the color by 10%, you get **124CEA**, and if you desaturate by 10%, it is **406EEA**.

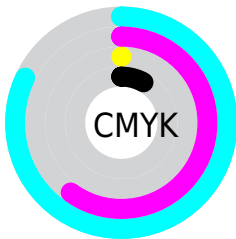
# Distribution



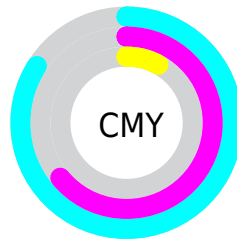
- Red (16%)
- Green (36%)
- Blue (92%)



- Red (16%)
- Yellow (32%)
- Blue (92%)



- Cyan (82%)
- Magenta (60%)
- Yellow (0%)
- Black (8%)



- Cyan (84%)
- Magenta (64%)
- Yellow (8%)

# Brightness & Saturation Gradients

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



■ 295DEA

■ 295DEA

FFFFFF

■ 0046CD

■ 788FFF

■ 0030B1

■ 98A9FF

■ 001D96

■ B8C4FF

■ 000B7B

■ D7E0FF

■ 000761

■ F6FDFF

■ 000848

■ 000431

■ 00011B

■ 000000

■ 295DEA

■ 295DEA

■ 124CEA

■ 406EEA

■ 003FEA

■ 587FEA

■ 6F90EA

■ 87A1EA

■ 9EB2EA

■ B5C4EA

■ CDD5EA

■ E4E6EA

■ FCF7EA

# Harmonies

## Analogous

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



0077F6



295DEA



AD2CBB

# Triad

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



295DEA



BD3F00



00845A

# Complementary

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



295DEA



EAB629

# 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.



008000



295DEA



8B6300

# Square

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



295DEA



DA0035



497600



0085A2

# Rectangle

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



295DEA



CF0090



497600



008342



# Sweetspot

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



295DEA



BFD0FF



29EAB3



596480



000000



808080



# Same Dimension

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



295DEA



0347FF



5329EA



6A6D75



0031B5



000E36



# Inverse Universe

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



EA295D



FF0347



C0EA29



756A6D



B50031



36000E



# Previews

## White Background



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

## Color Contrast Check

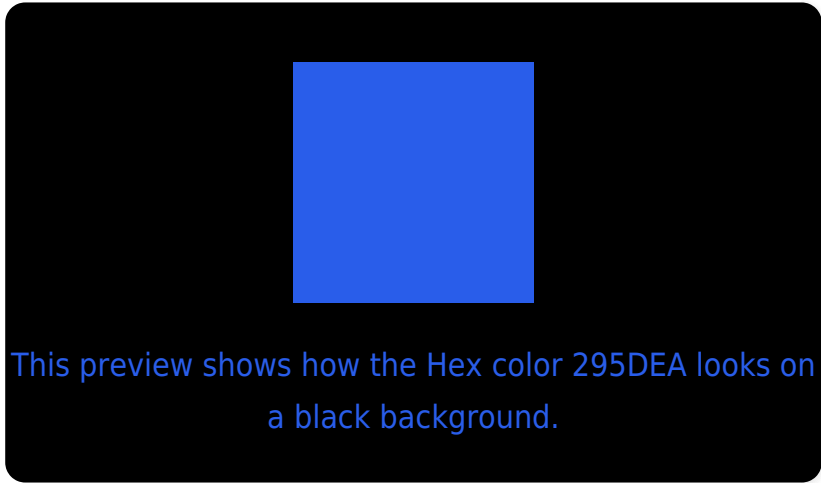
Large Text (above 18pt) WCAG AA ✓ Pass

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

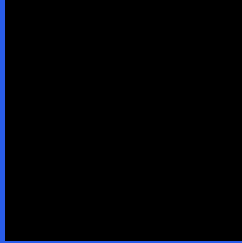
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 295DEA Background



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

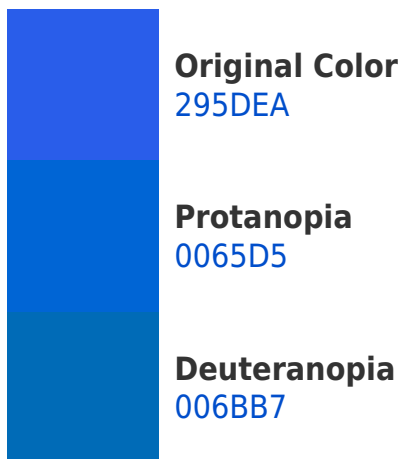


This preview shows how white text looks on a background with the Hex color 295DEA.

# 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](#).

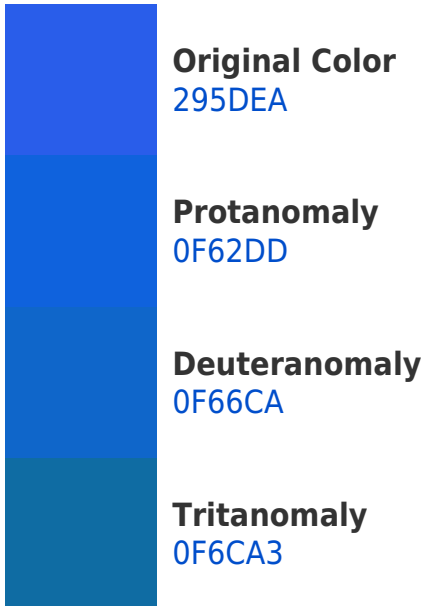
## Dichromacy





**Tritanopia**  
00747B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #295DEA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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