

# Converting Colors

Hex(2E6CE9)

Have a look what the booklet for  
Hex(2E6CE9) contains.

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# Color

**Hex(2E6CE9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E6CE9
RGB	46, 108, 233
RGB Percent	18%, 42%, 91%
CMY	0.8196, 0.5765, 0.0863
CMYK	0.80, 0.54, 0.00, 0.09
HSL	220°, 81%, 55%
HSV	220°, 80%, 91%
XYZ	21.1973, 17.1892, 79.2914
YIQ	103.7120, -77.0770, 25.7310

# Conversions

## Conversions Part 2

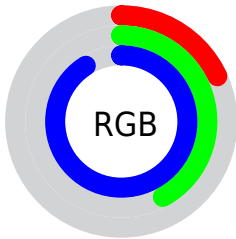
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">46, 93, 233</a>
Decimal	<a href="#">3042537</a>
CIELab	<a href="#">48.50, 25.21, -68.73</a>
CIElCh	<a href="#">48, 73.211, 290.141</a>
Yxy	<a href="#">17.1892, 0.1801, 0.1461</a>
Android (android.graphics.Color)	<a href="#">4281232617 (0xFF2E6CE9)</a>
YUV	<a href="#">103.7120, 63.7390, -50.6134</a>
Hunter-Lab	<a href="#">41.4598, 18.7075, -84.3696</a>

# Details

The Hex color **2E6CE9** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **E9AB2E**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **799FFF**, and **003EB0** is the 20% darker color. If you saturate the color by 10%, you get **175CE9**, and if you desaturate by 10%, it is **457CE9**.

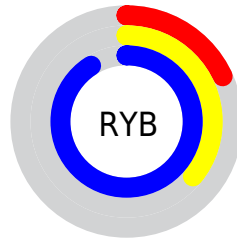
# Distribution



Red (18%)

Green (42%)

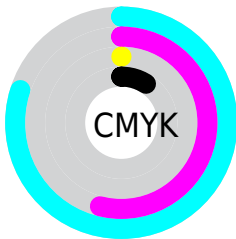
Blue (91%)



Red (18%)

Yellow (36%)

Blue (91%)

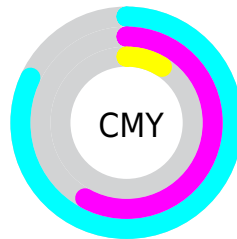


Cyan (80%)

Magenta (54%)

Yellow (0%)

Black (9%)



Cyan (82%)

Magenta (58%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E6CE9 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 2E6CE9 by changing the saturation by 10% instead.



■ 2E6CE9

■ 2E6CE9

FFFFFF

■ 0054CC

■ 799FFF

■ 003EB0

■ 99BAFF

■ 002995

■ B8D5FF

■ 00187A

■ D7F1FF

■ 000161

■ F6FFFF

■ 000848

■ 000430

■ 00011B

■ 000000

■ 2E6CE9

■ 2E6CE9

■ 175CE9

■ 457CE9

■ 004DE9

■ 5D8BE9

■ 749BE9

■ 8BAAE9

■ A3BAE9

■ BAC9E9

■ D1D9E9

■ E8E9E9

■ FFF8E9

# Harmonies

## Analogous

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



0081EF



2E6CE9



A74BC4

# Triad

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



2E6CE9



C74B0B



008C5C

# Complementary

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



2E6CE9



E9AB2E

# 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.



008716



2E6CE9



9D6900

# Square

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



2E6CE9



DD254D



647D00



008E9C

# Rectangle

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



2E6CE9



CA309F



647D00



008B46



# Sweetspot

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



2E6CE9



C2D6FF



2EE9AB



5B6780



000000



808080



# Same Dimension

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



2E6CE9



0A5BFF



4D2EE9



6A6D75



003CB5



001236



# Inverse Universe

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



E92E6C



FF0A5B



CAE92E



756A6D



B5003C



360012



# Previews

## White Background



This preview shows how the Hex color 2E6CE9 looks on a white background.

## Color Contrast Check

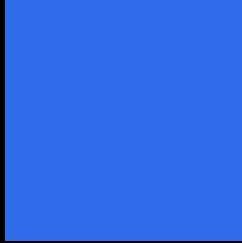
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 2E6CE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

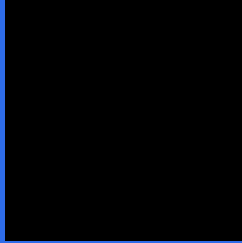
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2E6CE9 Background



This preview shows how black text looks on a background with the Hex color 2E6CE9.

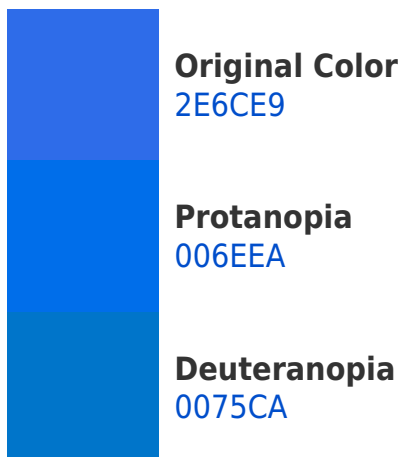


This preview shows how white text looks on a background with the Hex color 2E6CE9.

# 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](#).

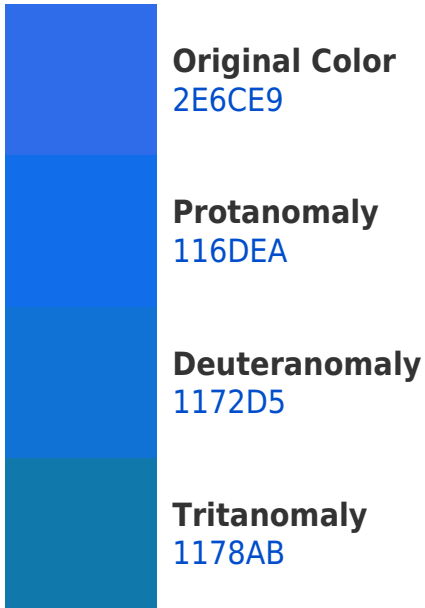
## Dichromacy





**Tritanopia**  
007F88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E6CE9 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 #2E6CE9 looks like.

```
.text, #text, p{  
    color:#2E6CE9  
}
```

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 #2E6CE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E6CE9
}
```

## Border

The CSS property to change the border of an element to Hex 2E6CE9 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
#2E6CE9 }
```

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

```
.border{ border-color:#2E6CE9 }
```

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

Here you see how a box with a 4 pixel #2E6CE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E6CE9; -webkit-box-shadow:4px 4px  
4px 4px #2E6CE9; box-shadow:4px 4px 4px  
4px #2E6CE9 }
```

# Background

The CSS property to change the background color of an element to Hex 2E6CE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E6CE9 }
```

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

```
.background{ background-color:#2E6CE9 }
```

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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