

# Converting Colors

Hex(2E8ECF)

Have a look what the booklet for  
Hex(2E8ECF) contains.

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# Color

Hex(2E8ECF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E8ECF
RGB	46, 142, 207
RGB Percent	18%, 56%, 81%
CMY	0.8196, 0.4431, 0.1882
CMYK	0.78, 0.31, 0.00, 0.19
HSL	204°, 64%, 50%
HSV	204°, 78%, 81%
XYZ	22.0622, 24.4318, 62.5845
YIQ	120.7060, -78.0810, -0.1370

# Conversions

## Conversions Part 2

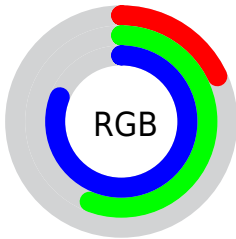
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	46, 106, 207
Decimal	3051215
CIE Lab	56.52, -5.29, -41.26
CIE LCh	57, 41.597, 262.691
Yxy	24.4318, 0.2023, 0.2240
Android (android.graphics.Color)	4281241295 (0xFF2E8ECF)
YUV	120.7060, 42.5429, -65.5172
Hunter-Lab	49.4286, -6.8274, -40.4706

# Details

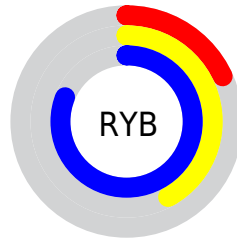
The Hex color **2E8ECF** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **CF6F2E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **73C3FF**, and **005C98** is the 20% darker color. If you saturate the color by 10%, you get **1986CF**, and if you desaturate by 10%, it is **4396CF**.

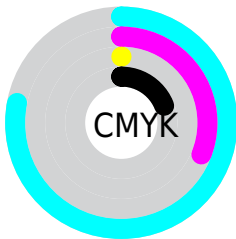
# Distribution



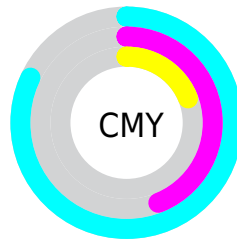
- Red (18%)
- Green (56%)
- Blue (81%)



- Red (18%)
- Yellow (42%)
- Blue (81%)



- Cyan (78%)
- Magenta (31%)
- Yellow (0%)
- Black (19%)



- Cyan (82%)
- Magenta (44%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E8ECF 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 2E8ECF by changing the saturation by 10% instead.



■ 2E8ECF

■ 2E8ECF

FFFFFF

■ 0075B3

■ 73C3FF

■ 005C98

■ 92DFFF

■ 00457E

■ B0FCFF

■ 002F65

■ CEFFFF

■ 001B4C

■ ECFFFF

■ 000535

■ 00021F

■ 000002

■ 000000

■ 2E8ECF

■ 2E8ECF

■ 1986CF

■ 4396CF

■ 057DCF

■ 579FCF

■ 007BCF

■ 6CA7CF

■ 81AFCF

■ 95B8CF

■ AAC0CF

■ BFC9CF

■ D4D1CF

■ E8D9CF

# Harmonies

## Analogous

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



0096C0



2E8ECF



7C82CA

# Triad

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



2E8ECF



CC6B6E



57965A

# Complementary

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



2E8ECF



CF6F2E

# 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.



828E42



2E8ECF



BF754F

# Square

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



2E8ECF



C66A92



A5823E



009A7D

# Rectangle

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



2E8ECF



9E78BD



A5823E



669350

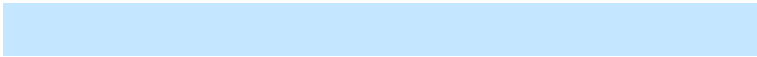


# Sweetspot

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



2E8ECF



C4E7FF



2ECF6E



5C7180



000000



808080



# Same Dimension

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



2E8ECF



129FFF



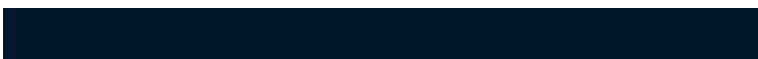
2E3ECF



5E6469



0064A8



001829



# Inverse Universe

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



CF2E8E



FF129F



C9BF2E



695E64



A80064



290018



# Previews

## White Background



This preview shows how the Hex color 2E8ECF looks on a white background.

## Color Contrast Check

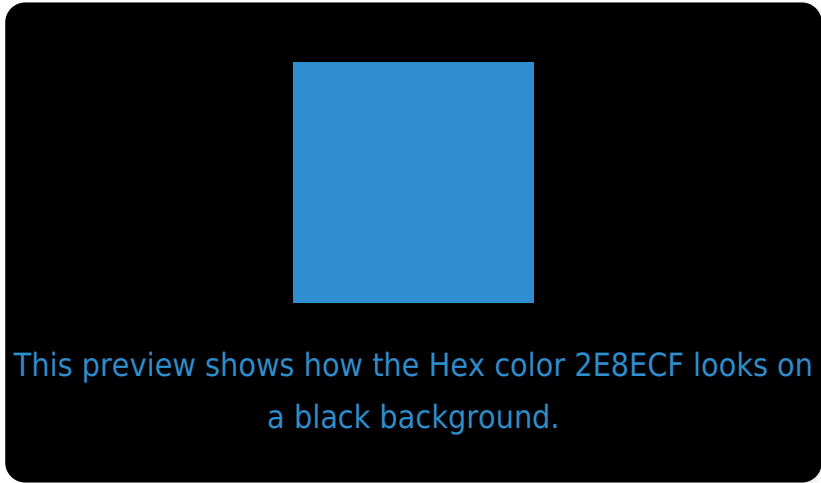
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

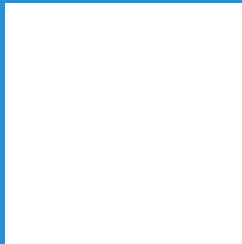
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2E8ECF Background



This preview shows how black text looks on a background with the Hex color 2E8ECF.

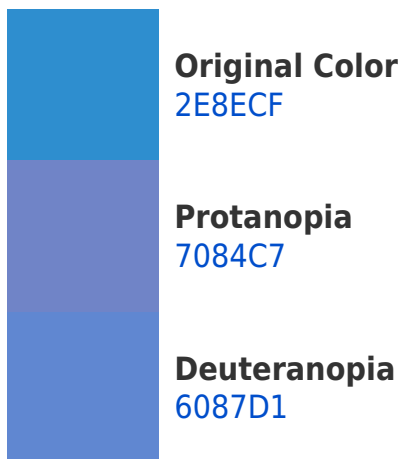


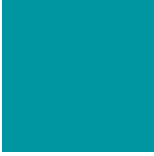
This preview shows how white text looks on a background with the Hex color 2E8ECF.

# 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](#).

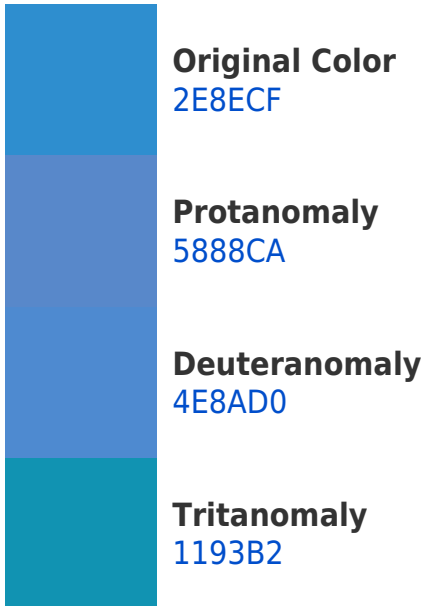
## Dichromacy





**Tritanopia**  
0096A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E8ECF 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 #2E8ECF looks like.

```
.text, #text, p{  
    color:#2E8ECF  
}
```

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 #2E8ECF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E8ECF
}
```

## Border

The CSS property to change the border of an element to Hex 2E8ECF 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
#2E8ECF }
```

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

```
.border{ border-color:#2E8ECF }
```

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

Here you see how a box with a 4 pixel #2E8ECF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E8ECF; -webkit-box-shadow:4px 4px  
4px 4px #2E8ECF; box-shadow:4px 4px 4px  
4px #2E8ECF }
```

# Background

The CSS property to change the background color of an element to Hex 2E8ECF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E8ECF }
```

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

```
.background{ background-color:#2E8ECF }
```

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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