

# Converting Colors

Hex(2E8FAE)

Have a look what the booklet for  
Hex(2E8FAE) contains.

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# Color

Hex(2E8FAE)

# Conversions

## Conversions Part 1

Format	Color
Hex	2E8FAE
RGB	46, 143, 174
RGB Percent	18%, 56%, 68%
CMY	0.8196, 0.4392, 0.3176
CMYK	0.74, 0.18, 0.00, 0.32
HSL	195°, 58%, 43%
HSV	195°, 74%, 68%
XYZ	18.5892, 23.2818, 43.5585
YIQ	117.5310, -67.7630, -10.9230

# Conversions

## Conversions Part 2

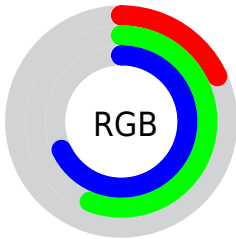
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 101, 174
Decimal	3051438
CIE <sub>Lab</sub>	55.36, -17.36, -24.33
CIE <sub>LCh</sub>	55, 29.889, 234.490
Yxy	23.2818, 0.2176, 0.2725
Android (android.graphics.Color)	4281241518 (0xFF2E8FAE)
YUV	117.5310, 27.8392, -62.7327
Hunter-Lab	48.2512, -15.6710, -19.7479

# Details

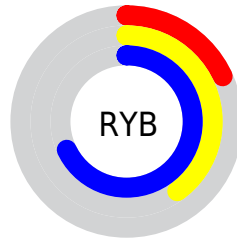
The Hex color **2E8FAE** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AE4D2E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **6EC5E6**, and **005D79** is the 20% darker color. If you saturate the color by 10%, you get **1D8BAE**, and if you desaturate by 10%, it is **3F93AE**.

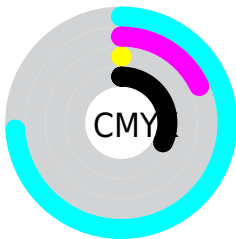
# Distribution



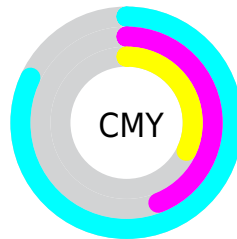
- Red (18%)
- Green (56%)
- Blue (68%)



- Red (18%)
- Yellow (40%)
- Blue (68%)



- Cyan (74%)
- Magenta (18%)
- Yellow (0%)
- Black (32%)



- Cyan (82%)
- Magenta (44%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E8FAE 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 2E8FAE by changing the saturation by 10% instead.



 2E8FAE

 2E8FAE

FFFFFF

 007593

 6EC5E6

 005D79

 8BE1FF

 004561

 A8FEFF

 002E49

 C6FFFF

 001B32

 E3FFFF

 00021D

 000000

 2E8FAE

 2E8FAE

 1D8BAE

 3F93AE

0B87AE

5197AE

0084AE

629CAE

74A0AE

85A4AE

96A8AE

A8ACAE

B9B1AE

CBB5AE

# Harmonies

## Analogous

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



239299



2E8FAE



5889B8

# Triad

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



2E8FAE



B3718A



808A55

# Complementary

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



2E8FAE



AE4D2E

# 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.



9A8151



2E8FAE



B77270

# Square

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



2E8FAE



A177A3



AE785B



628F66

# Rectangle

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



2E8FAE



7483B7



AE785B



898752



# Sweetspot

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



2E8FAE



B1D7E3



2EAE4C



556C73



F2F2F2



737373



# Same Dimension

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



2E8FAE



1BB3E3



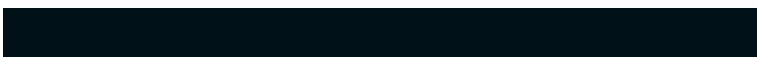
2E50AE



4E5557



007296



001117



# Inverse Universe

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



AE2E8F



E31BB3



AE8C2E



574E55



960072



170011



# Previews

## White Background



This preview shows how the Hex color 2E8FAE looks on a white background.

## Color Contrast Check

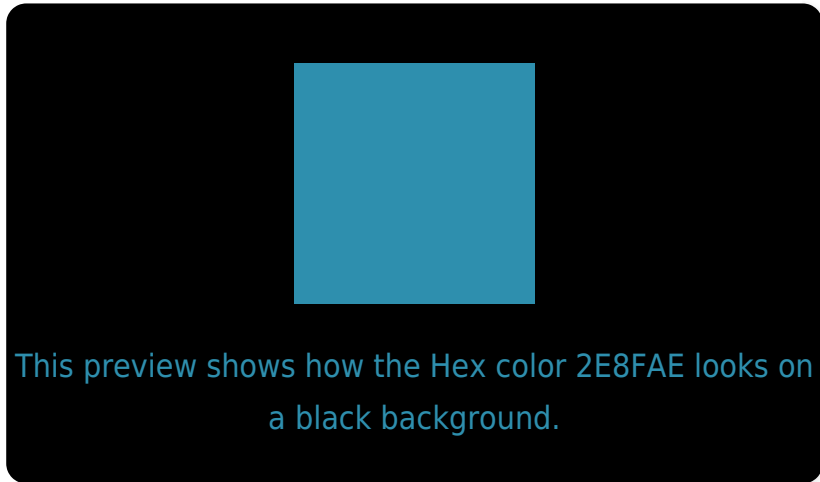
Large Text (above 18pt) WCAG AA ✓ Pass

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

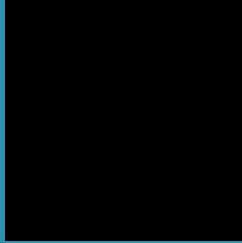
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2E8FAE Background



This preview shows how black text looks on a background with the Hex color 2E8FAE.

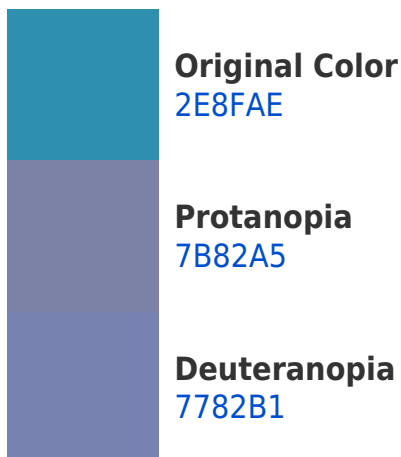


This preview shows how white text looks on a background with the Hex color 2E8FAE.

# 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](#).

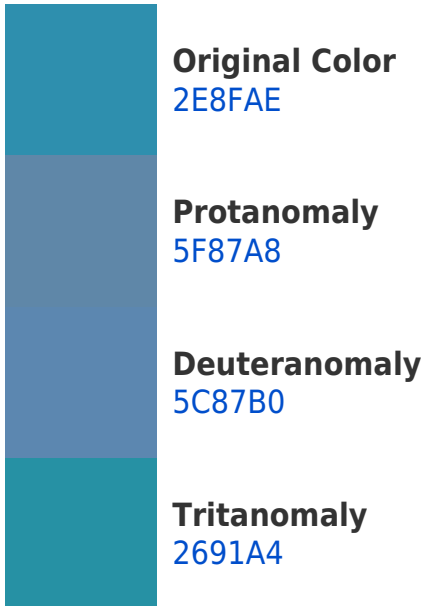
## Dichromacy





**Tritanopia**  
21929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E8FAE 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 #2E8FAE looks like.

```
.text, #text, p{  
    color:#2E8FAE  
}
```

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 #2E8FAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E8FAE
}
```

## Border

The CSS property to change the border of an element to Hex 2E8FAE 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
#2E8FAE }
```

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

```
.border{ border-color:#2E8FAE }
```

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

Here you see how a box with a 4 pixel #2E8FAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E8FAE; -webkit-box-shadow:4px 4px  
4px 4px #2E8FAE; box-shadow:4px 4px 4px  
4px #2E8FAE }
```

# Background

The CSS property to change the background color of an element to Hex 2E8FAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E8FAE }
```

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

```
.background{ background-color:#2E8FAE }
```

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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