

Converting Colors

Hex(2E8EAF)

Have a look what the booklet for
Hex(2E8EAF) contains.

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Color

Hex(2E8EAF)

Conversions

Conversions Part 1

Format	Color
Hex	2E8EAF
RGB	46, 142, 175
RGB Percent	18%, 56%, 69%
CMY	0.8196, 0.4431, 0.3137
CMYK	0.74, 0.19, 0.00, 0.31
HSL	195°, 58%, 43%
HSV	195°, 74%, 69%
XYZ	18.5376, 23.0220, 44.0241
YIQ	117.0580, -67.8090, -10.0890

Conversions

Conversions Part 2

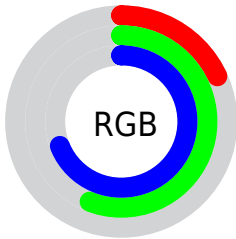
Format	Color
RYB	46, 101, 175
Decimal	3051183
CIELab	55.09, -16.48, -25.31
CIELCh	55, 30.206, 236.931
Yxy	23.0220, 0.2166, 0.2690
Android (android.graphics.Color)	4281241263 (0xFF2E8EAF)
YUV	117.0580, 28.5654, -62.3179
Hunter-Lab	47.9812, -15.0036, -20.8133

Details

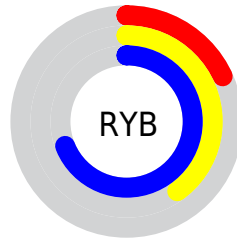
The Hex color **2E8EAF** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AF4F2E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **6EC4E7**, and **005C7A** is the 20% darker color. If you saturate the color by 10%, you get **1D8AAF**, and if you desaturate by 10%, it is **4092AF**.

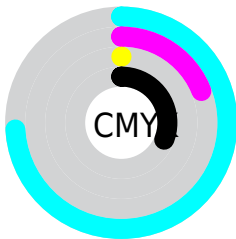
Distribution



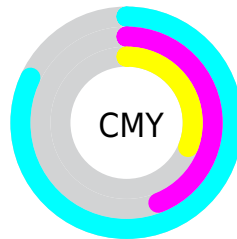
- Red (18%)
- Green (56%)
- Blue (69%)



- Red (18%)
- Yellow (40%)
- Blue (69%)



- Cyan (74%)
- Magenta (19%)
- Yellow (0%)
- Black (31%)



- Cyan (82%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E8EAF 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 2E8EAF by changing the saturation by 10% instead.

■ 2E8EAF

■ 2E8EAF

FFFFFF

■ 007494

■ 6EC4E7

■ 005C7A

■ 8BE0FF

■ 004461

■ A8FCFF

■ 002E49

■ C6FFFF

■ 001A33

■ E3FFFF

■ 00021D

■ 000000

■ 2E8EAF

■ 2E8EAF

■ 1D8AAF

■ 4092AF

0B85AF

5197AF

0082AF

639BAF

74A0AF

86A4AF

97A9AF

A9ADAF

BAB2AF

CBB6AF

Harmonies

Analogous

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



1D919B



2E8EAF



5A87B8

Triad

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



2E8EAF



B47088



7D8954

Complementary

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



2E8EAF



AF4F2E

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.



98814F



2E8EAF



B7716E

Square

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



2E8EAF



A275A1



AC7859



5E8F67

Rectangle

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



2E8EAF



7681B6



AC7859



868751

Sweetspot

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



2E8EAF



B1D6E3



2EAF4E



556B73



F2F2F2



737373

Same Dimension

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



2E8EAF



1BB0E3



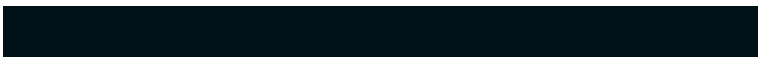
2E4EAF



4E5457



007096



001117

Inverse Universe

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



AF2E8E



E31BB0



AF8F2E



574E54



960070



170011

Previews

White Background



This preview shows how the Hex color 2E8EAF looks on a white background.

Color Contrast Check

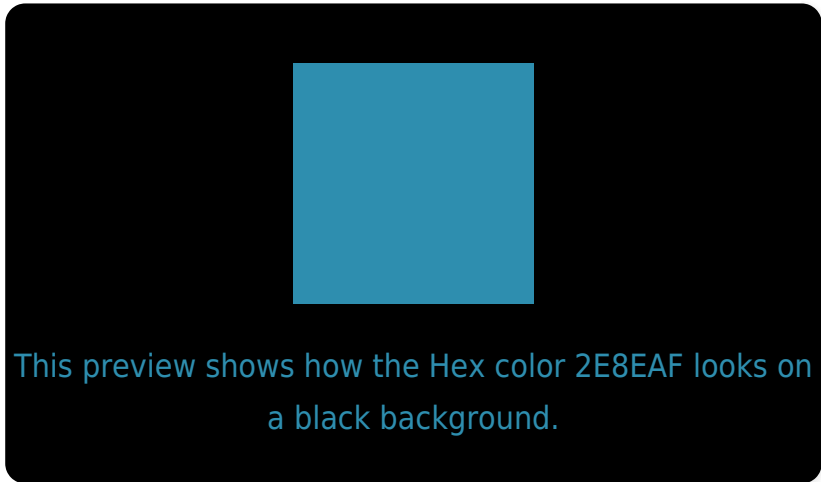
Large Text (above 18pt) WCAG AA ✓ Pass

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

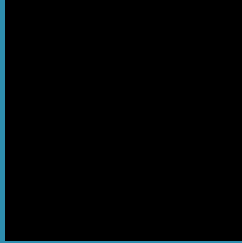
Any Text WCAG AA ✓ Pass

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 2E8EAF Background



This preview shows how black text looks on a background with the Hex color 2E8EAF.

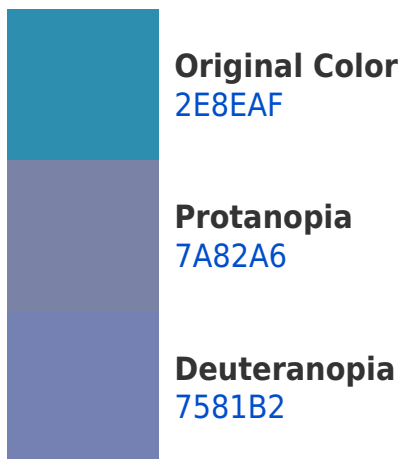


This preview shows how white text looks on a background with the Hex color 2E8EAF.

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](#).

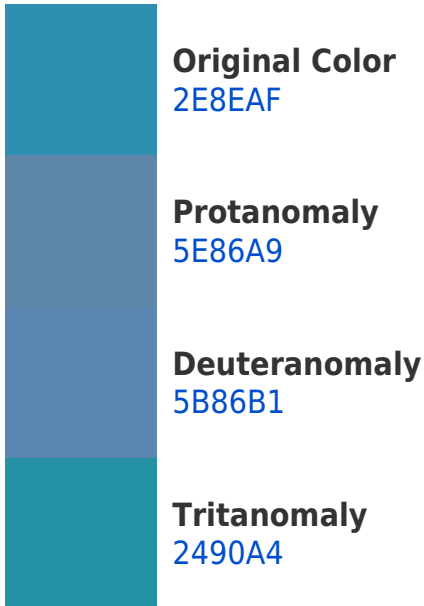
Dichromacy





Tritanopia
1F919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E8EAF 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 #2E8EAF looks like.

```
.text, #text, p{  
    color:#2E8EAF  
}
```

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 #2E8EAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E8EAF
}
```

Border

The CSS property to change the border of an element to Hex 2E8EAF 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
#2E8EAF }
```

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

```
.border{ border-color:#2E8EAF }
```

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

Here you see how a box with a 4 pixel #2E8EAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E8EAF; -webkit-box-shadow:4px 4px  
4px 4px #2E8EAF; box-shadow:4px 4px 4px  
4px #2E8EAF }
```

Background

The CSS property to change the background color of an element to Hex 2E8EAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E8EAF }
```

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

```
.background{ background-color:#2E8EAF }
```

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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