

# Converting Colors

Hex(2E86AB)

Have a look what the booklet for  
Hex(2E86AB) contains.

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# Color

**Hex(2E86AB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E86AB
RGB	46, 134, 171
RGB Percent	18%, 53%, 67%
CMY	0.8196, 0.4745, 0.3294
CMYK	0.73, 0.22, 0.00, 0.33
HSL	198°, 58%, 43%
HSV	198°, 73%, 67%
XYZ	17.0025, 20.5713, 41.6026
YIQ	111.9060, -64.3250, -7.1490

# Conversions

## Conversions Part 2

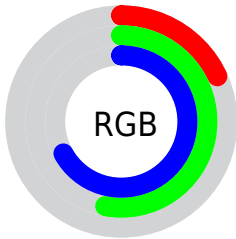
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 98, 171
Decimal	3049131
CIE <sub>Lab</sub>	52.48, -13.43, -27.06
CIE <sub>LCh</sub>	52, 30.214, 243.602
Yxy	20.5713, 0.2147, 0.2598
Android (android.graphics.Color)	4281239211 (0xFF2E86AB)
YUV	111.9060, 29.1333, -57.7996
Hunter-Lab	45.3556, -12.4579, -22.6351

# Details

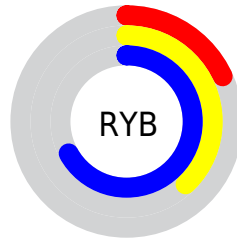
The Hex color **2E86AB** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AB532E**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **6DBBE2**, and **005477** is the 20% darker color. If you saturate the color by 10%, you get **1D81AB**, and if you desaturate by 10%, it is **3F8BAB**.

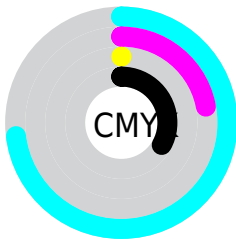
# Distribution



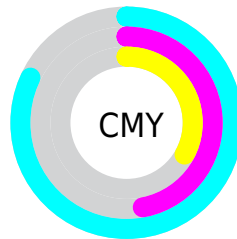
- Red (18%)
- Green (53%)
- Blue (67%)



- Red (18%)
- Yellow (38%)
- Blue (67%)



- Cyan (73%)
- Magenta (22%)
- Yellow (0%)
- Black (33%)



- Cyan (82%)
- Magenta (47%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E86AB 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 2E86AB by changing the saturation by 10% instead.



■ 2E86AB

■ 2E86AB

FFFFFF

■ 006D90

■ 6DBBE2

■ 005477

■ 8AD7FF

■ 003D5E

■ A7F3FF

■ 002746

■ C4FFFF

■ 00132F

■ E1FFFF

■ 00011A

■ 000000

■ 2E86AB

■ 2E86AB

■ 1D81AB

■ 3F8BAB

0C7CAB

5090AB

0078AB

6195AB

729AAB

849FAB

95A4AB

A6A9AB

B7AEAB

C8B4AB

# Harmonies

## Analogous

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



098A99



2E86AB



5D7FB1

# Triad

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



2E86AB



AE697B



708451

# Complementary

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



2E86AB



AB532E

# 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.



8B7D49



2E86AB



AE6C62

# Square

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



2E86AB



A06D95



A1744F



508965

# Rectangle

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



2E86AB



7879AD



A1744F



79824D



# Sweetspot

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



2E86AB



ADCFDE



2EAB51



536870



F0F0F0



707070



# Same Dimension

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



2E86AB



1BA4DE



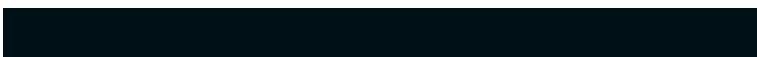
2E49AB



4E5457



006A96



001017



# Inverse Universe

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



AB2E86



DE1BA4



AB902E



574E54



96006A



170010



# Previews

## White Background



This preview shows how the Hex color 2E86AB looks on a white background.

## Color Contrast Check

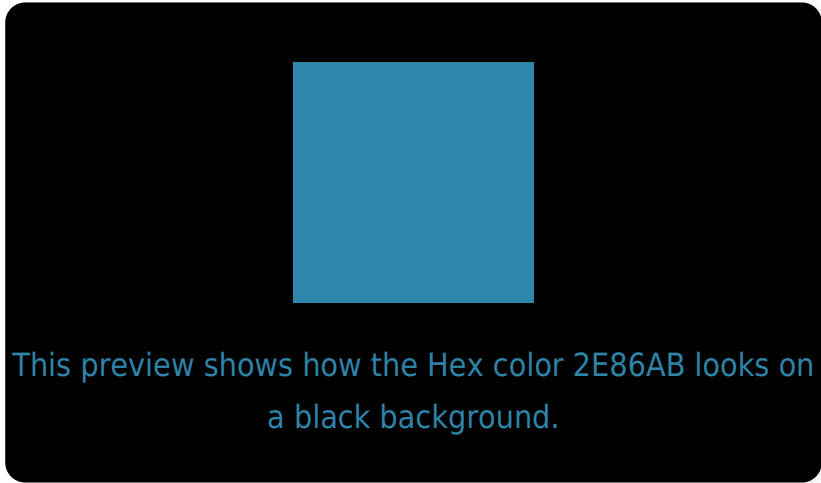
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E86AB Background



This preview shows how black text looks on a background with the Hex color 2E86AB.

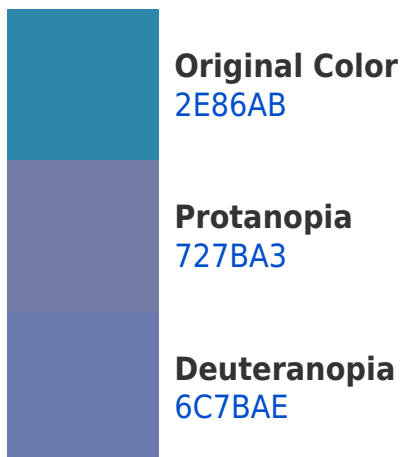


This preview shows how white text looks on a background with the Hex color 2E86AB.

# 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](#).

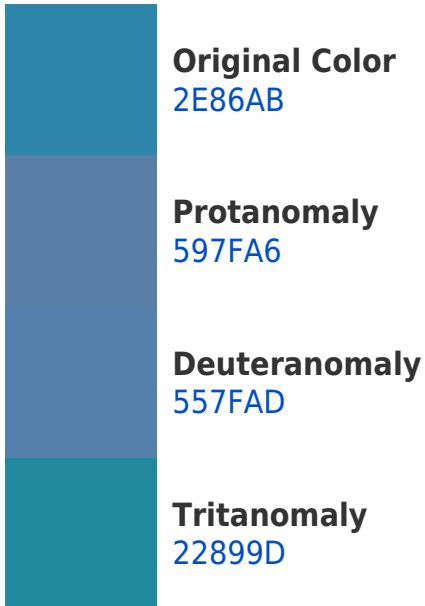
## Dichromacy





**Tritanopia**  
1B8A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E86AB 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 #2E86AB looks like.

```
.text, #text, p{  
    color:#2E86AB  
}
```

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 #2E86AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E86AB
}
```

## Border

The CSS property to change the border of an element to Hex 2E86AB 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
#2E86AB }
```

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

```
.border{ border-color:#2E86AB }
```

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

Here you see how a box with a 4 pixel #2E86AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E86AB; -webkit-box-shadow:4px 4px  
4px 4px #2E86AB; box-shadow:4px 4px 4px  
4px #2E86AB }
```

# Background

The CSS property to change the background color of an element to Hex 2E86AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E86AB }
```

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

```
.background{ background-color:#2E86AB }
```

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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