

Converting Colors

Hex(2E67AE)

Have a look what the booklet for
Hex(2E67AE) contains.

Hex(2E67AE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2E67AE)

Conversions

Conversions Part 1

Format	Color
Hex	2E67AE
RGB	46, 103, 174
RGB Percent	18%, 40%, 68%
CMY	0.8196, 0.5961, 0.3176
CMYK	0.74, 0.41, 0.00, 0.32
HSL	213°, 58%, 43%
HSV	213°, 74%, 68%
XYZ	13.6169, 13.3373, 41.9011
YIQ	94.0510, -56.7630, 9.9970

Conversions

Conversions Part 2

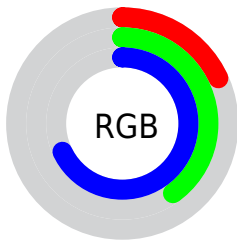
Format	Color
RYB	46, 85, 174
Decimal	3041198
CIELab	43.27, 6.17, -43.29
CIElCh	43, 43.726, 278.106
Yxy	13.3373, 0.1978, 0.1937
Android (android.graphics.Color)	4281231278 (0xFF2E67AE)
YUV	94.0510, 39.4149, -42.1407
Hunter-Lab	36.5203, 2.6449, -42.4613

Details

The Hex color **2E67AE** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AE752E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **6C9AE6**, and **003979** is the 20% darker color. If you saturate the color by 10%, you get **1D5DAE**, and if you desaturate by 10%, it is **3F71AE**.

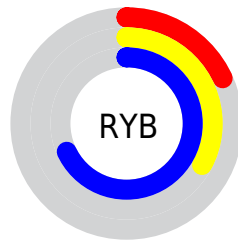
Distribution



Red (18%)

Green (40%)

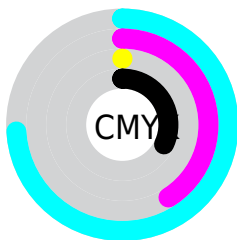
Blue (68%)



Red (18%)

Yellow (33%)

Blue (68%)

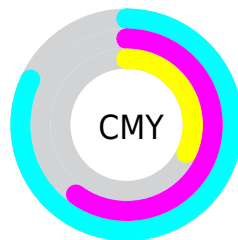


Cyan (74%)

Magenta (41%)

Yellow (0%)

Black (32%)



Cyan (82%)

Magenta (60%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E67AE 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 2E67AE by changing the saturation by 10% instead.

■ 2E67AE

■ 2E67AE

FFFFFF

■ 004F93

■ 6C9AE6

■ 003979

■ 89B4FF

■ 002460

■ A6D0FF

■ 000E48

■ C3ECCF

■ 000430

■ E1FFFF

■ 00011B

■ 000000

■ 2E67AE

■ 2E67AE

■ 1D5DAE

■ 3F71AE

■ 0B54AE

■ 517AAE

■ 004DAE

■ 6284AE

■ 748EAE

■ 8597AE

■ 96A1AE

■ A8ABAE

■ B9B4AE

■ CBBEAE

Harmonies

Analogous

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



0071A9



2E67AE



75589F

Triad

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



2E67AE



A34C3B



00764A

Complementary

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



2E67AE



AE752E

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.



4A7129



2E67AE



8F5B21

Square

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



2E67AE



A8455E



706817



00786F

Rectangle

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



2E67AE



904E8D



706817



24753E

Sweetspot

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



2E67AE



B1C7E3



2EAE74



556273



F2F2F2



737373

Same Dimension

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



2E67AE



1B74E3



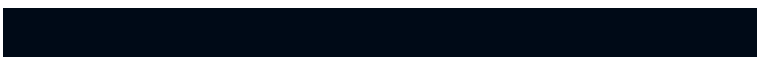
342EAE



4E5257



004396



000A17

Inverse Universe

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



AE2E67



E31B74



A8AE2E



574E52



960043



17000A

Previews

White Background



This preview shows how the Hex color 2E67AE looks on a white background.

Color Contrast Check

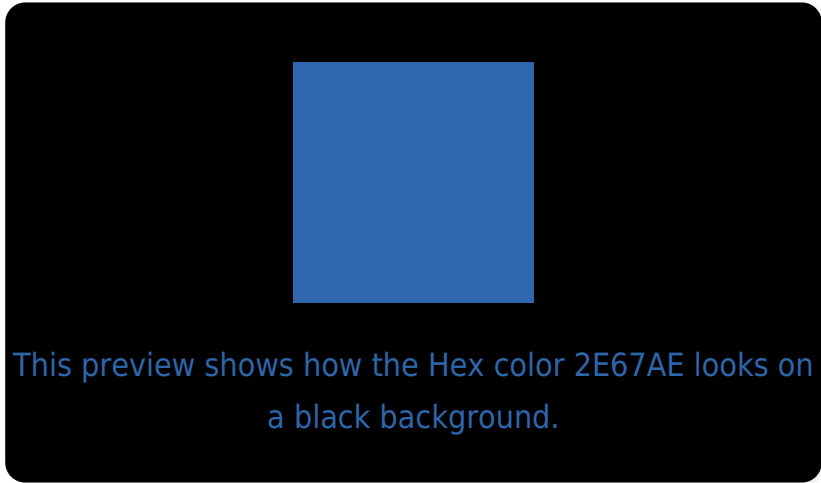
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

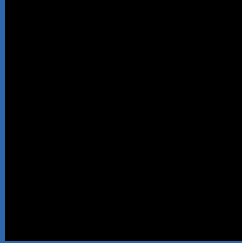
Any Text WCAG AA × Fail

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 2E67AE Background



This preview shows how black text looks on a background with the Hex color 2E67AE.

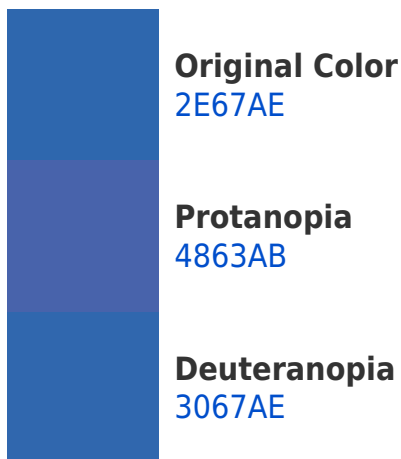


This preview shows how white text looks on a background with the Hex color 2E67AE.

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](#).

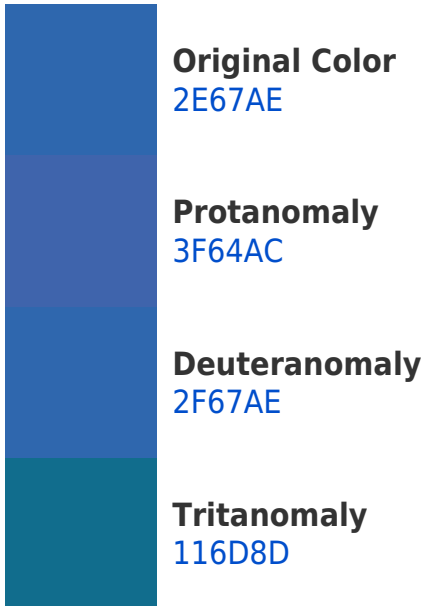
Dichromacy



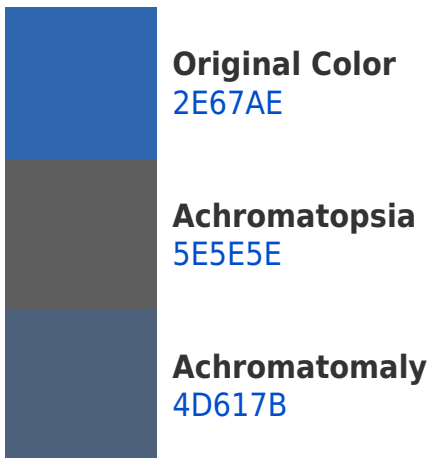


Tritanopia
00717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E67AE 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 #2E67AE looks like.

```
.text, #text, p{  
    color:#2E67AE  
}
```

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 #2E67AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E67AE
}
```

Border

The CSS property to change the border of an element to Hex 2E67AE 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
#2E67AE }
```

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

```
.border{ border-color:#2E67AE }
```

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

Here you see how a box with a 4 pixel #2E67AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E67AE; -webkit-box-shadow:4px 4px  
4px 4px #2E67AE; box-shadow:4px 4px 4px  
4px #2E67AE }
```

Background

The CSS property to change the background color of an element to Hex 2E67AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E67AE }
```

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

```
.background{ background-color:#2E67AE }
```

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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