

Converting Colors

Hex(2E71A8)

Have a look what the booklet for
Hex(2E71A8) contains.

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Color

Hex(2E71A8)

Conversions

Conversions Part 1

Format	Color
Hex	2E71A8
RGB	46, 113, 168
RGB Percent	18%, 44%, 66%
CMY	0.8196, 0.5569, 0.3412
CMYK	0.73, 0.33, 0.00, 0.34
HSL	207°, 57%, 42%
HSV	207°, 73%, 66%
XYZ	14.0997, 15.2182, 39.2401
YIQ	99.2370, -57.5870, 2.9010

Conversions

Conversions Part 2

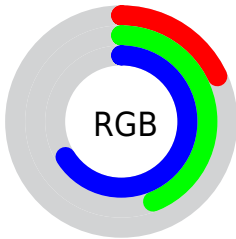
Format	Color
RYB	46, 89, 168
Decimal	3043752
CIELab	45.93, -2.26, -35.55
CIELCh	46, 35.620, 266.357
Yxy	15.2182, 0.2057, 0.2220
Android (android.graphics.Color)	4281233832 (0xFF2E71A8)
YUV	99.2370, 33.9002, -46.6888
Hunter-Lab	39.0106, -3.7526, -32.3314

Details

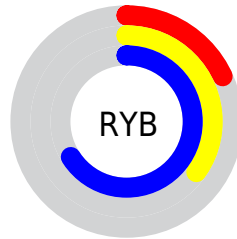
The Hex color **2E71A8** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A8652E**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **6BA5DF**, and **004274** is the 20% darker color. If you saturate the color by 10%, you get **1D69A8**, and if you desaturate by 10%, it is **3F79A8**.

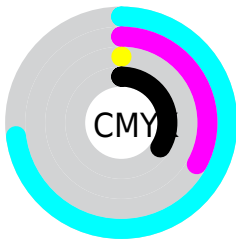
Distribution



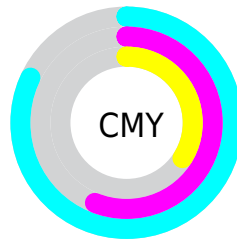
- Red (18%)
- Green (44%)
- Blue (66%)



- Red (18%)
- Yellow (35%)
- Blue (66%)



- Cyan (73%)
- Magenta (33%)
- Yellow (0%)
- Black (34%)



- Cyan (82%)
- Magenta (56%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E71A8 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 2E71A8 by changing the saturation by 10% instead.

■ 2E71A8

■ 2E71A8

FFFFFF

■ 00598D

■ 6BA5DF

■ 004274

■ 88C0FC

■ 002C5B

■ A5DBFF

■ 001843

■ C2F8FF

■ 00032C

■ DFFFFF

■ 000117

FDFFFF

■ 000000

■ 2E71A8

■ 2E71A8

■ 1D69A8

■ 3F79A8

0C62A8

5080A8

005CA8

6088A8

718FA8

8297A8

939EA8

A4A6A8

B4AEA8

C5B5A8

Harmonies

Analogous

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



00789E



2E71A8



6966A2

Triad

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



2E71A8



A45654



40794B

Complementary

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



2E71A8



A8652E

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.



647335



2E71A8



985F3C

Square

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



2E71A8



A25472



826A30



007C68

Rectangle

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



2E71A8



845F96



826A30



4D7742

Sweetspot

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



2E71A8



ABC6DB



2EA865



51616E



EDEDED



6E6E6E

Same Dimension

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



2E71A8



1D85DB



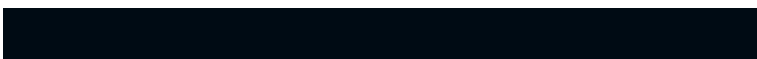
2E34A8



4C5054



005194



000B14

Inverse Universe

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



A82E71



DB1D85



A8A22E



544C50



940051



14000B

Previews

White Background



This preview shows how the Hex color 2E71A8 looks on a white background.

Color Contrast Check

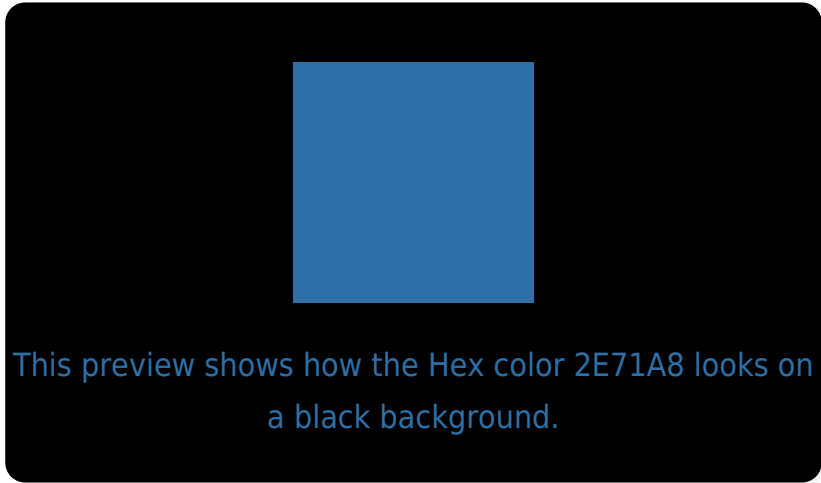
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E71A8 Background



This preview shows how black text looks on a background with the Hex color 2E71A8.

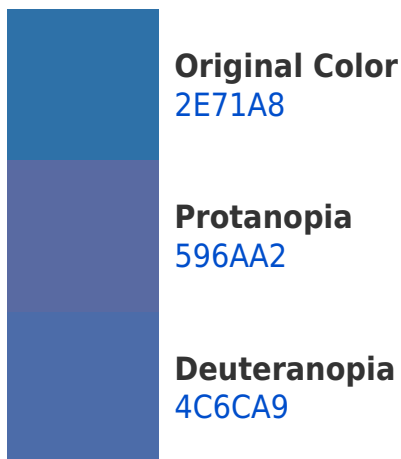


This preview shows how white text looks on a background with the Hex color 2E71A8.

Color Blindness Simulation

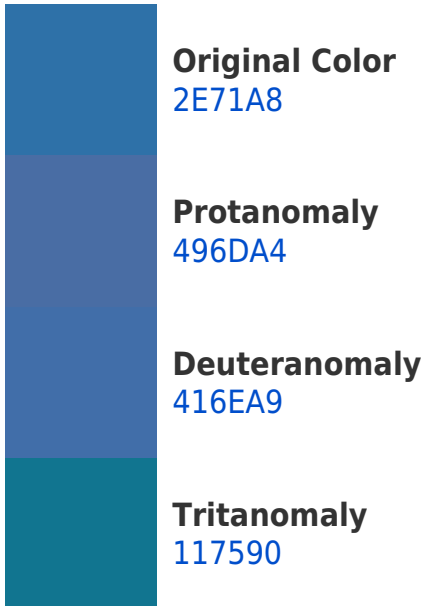
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E71A8 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 #2E71A8 looks like.

```
.text, #text, p{  
    color:#2E71A8  
}
```

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 #2E71A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E71A8
}
```

Border

The CSS property to change the border of an element to Hex 2E71A8 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
#2E71A8 }
```

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

```
.border{ border-color:#2E71A8 }
```

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

Here you see how a box with a 4 pixel #2E71A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E71A8; -webkit-box-shadow:4px 4px  
4px 4px #2E71A8; box-shadow:4px 4px 4px  
4px #2E71A8 }
```

Background

The CSS property to change the background color of an element to Hex 2E71A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E71A8 }
```

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

```
.background{ background-color:#2E71A8 }
```

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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