

Converting Colors

Hex(2E5AB1)

Have a look what the booklet for
Hex(2E5AB1) contains.

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Color

Hex(2E5AB1)

Conversions

Conversions Part 1

Format	Color
Hex	2E5AB1
RGB	46, 90, 177
RGB Percent	18%, 35%, 69%
CMY	0.8196, 0.6471, 0.3059
CMYK	0.74, 0.49, 0.00, 0.31
HSL	220°, 59%, 44%
HSV	220°, 74%, 69%
XYZ	12.7187, 11.0675, 43.0609
YIQ	86.7620, -54.1510, 17.7290

Conversions

Conversions Part 2

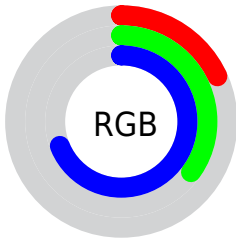
Format	Color
RYB	46, 79, 177
Decimal	3037873
CIELab	39.69, 15.68, -50.78
CIELCh	40, 53.147, 287.163
Yxy	11.0675, 0.1903, 0.1656
Android (android.graphics.Color)	4281227953 (0xFF2E5AB1)
YUV	86.7620, 44.4873, -35.7483
Hunter-Lab	33.2678, 10.0239, -53.4556




Details

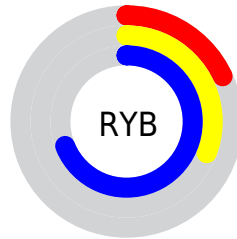
The Hex color **2E5AB1** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B1852E**, and the grayscale version is **565656**.




A 20% lighter version of the original color is **6D8CE9**, and **002D7C** is the 20% darker color. If you saturate the color by 10%, you get **1C4EB1**, and if you desaturate by 10%, it is **4066B1**.

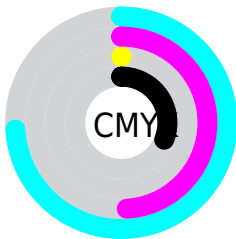
Distribution







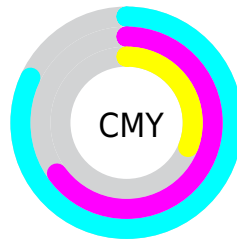
-  Red (18%)
-  Green (35%)
-  Blue (69%)






-  Red (18%)
-  Yellow (31%)
-  Blue (69%)



-  Cyan (74%)
-  Magenta (49%)
-  Yellow (0%)
-  Black (31%)



-  Cyan (82%)
-  Magenta (65%)
-  Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E5AB1 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 2E5AB1 by changing the saturation by 10% instead.

■ 2E5AB1

■ 2E5AB1

FFFFFF

■ 004396

■ 6D8CE9

■ 002D7C

■ 8AA6FF

■ 001A62

■ A8C1FF

■ 00004A

■ C5DCFF

■ 000432

■ E3F9FF

■ 00021C

■ 000000

■ 2E5AB1

■ 2E5AB1

■ 1C4EB1

■ 4066B1

■ 0B42B1

■ 5172B1

■ 003BB1

■ 637DB1

■ 7589B1

■ 8795B1

■ 98A1B1

■ AAACB1

■ BCB8B1

■ CDC4B1

Harmonies

Analogous

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



0068B2



2E5AB1



7E4699

Triad

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



2E5AB1



9D411E



007049

Complementary

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



2E5AB1



B1852E

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.



226C1C



2E5AB1



815500

Square

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



2E5AB1



AA3047



5A6300



007176

Rectangle

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



2E5AB1



993780



5A6300



006F3A

Sweetspot

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



2E5AB1



B3C4E6



2EB183



555F73



F2F2F2



737373

Same Dimension

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



2E5AB1



195EE6



422EB1



505359



003399



00091A

Inverse Universe

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



B12E5A



E6195E



9DB12E



595053



990033



1A0009

Previews

White Background



This preview shows how the Hex color 2E5AB1 looks on a white background.

Color Contrast Check

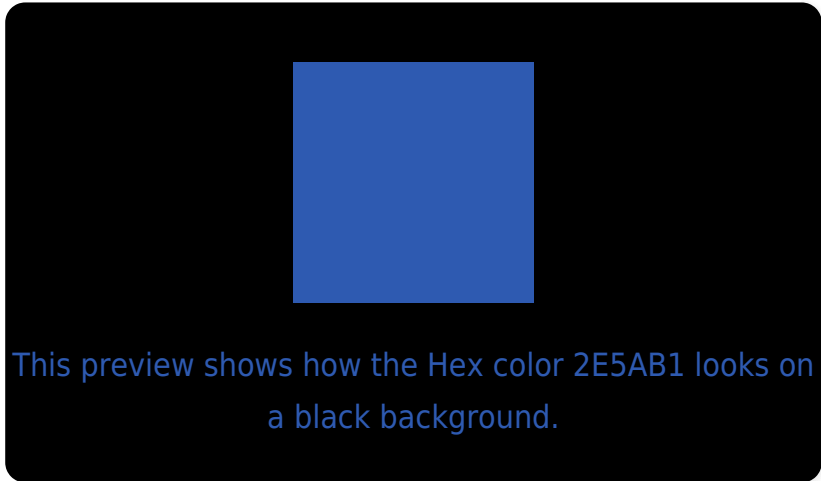
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E5AB1 Background



This preview shows how black text looks on a background with the Hex color 2E5AB1.



This preview shows how white text looks on a background with the Hex color 2E5AB1.

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](#).

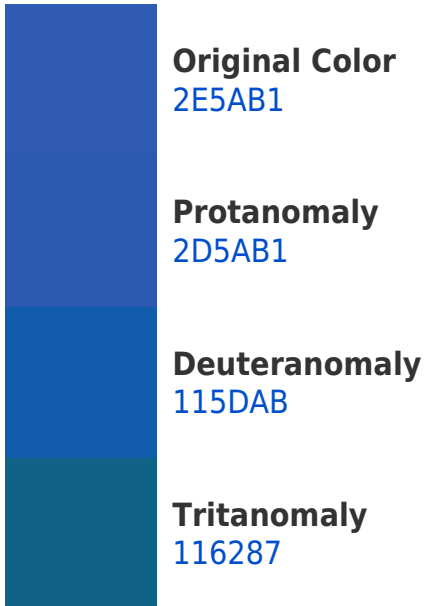
Dichromacy





Tritanopia
00676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E5AB1 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 #2E5AB1 looks like.

```
.text, #text, p{  
    color:#2E5AB1  
}
```

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 #2E5AB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E5AB1
}
```

Border

The CSS property to change the border of an element to Hex 2E5AB1 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
#2E5AB1 }
```

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

```
.border{ border-color:#2E5AB1 }
```

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

Here you see how a box with a 4 pixel #2E5AB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E5AB1; -webkit-box-shadow:4px 4px  
4px 4px #2E5AB1; box-shadow:4px 4px 4px  
4px #2E5AB1 }
```

Background

The CSS property to change the background color of an element to Hex 2E5AB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E5AB1 }
```

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

```
.background{ background-color:#2E5AB1 }
```

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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