

Converting Colors

Hex(2E5FA3)

Have a look what the booklet for
Hex(2E5FA3) contains.

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Color

Hex(2E5FA3)

Conversions

Conversions Part 1

Format	Color
Hex	2E5FA3
RGB	46, 95, 163
RGB Percent	18%, 37%, 64%
CMY	0.8196, 0.6275, 0.3608
CMYK	0.72, 0.42, 0.00, 0.36
HSL	215°, 56%, 41%
HSV	215°, 72%, 64%
XYZ	11.8298, 11.4096, 36.2291
YIQ	88.1010, -51.0320, 10.7600

Conversions

Conversions Part 2

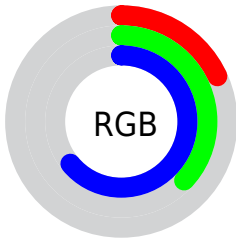
Format	Color
R_{YB}	46, 81, 163
Decimal	3039139
CIE Lab	40.26, 7.13, -41.59
CIE LCh	40, 42.193, 279.733
Yxy	11.4096, 0.1989, 0.1919
Android (android.graphics.Color)	4281229219 (0xFF2E5FA3)
YUV	88.1010, 36.9252, -36.9226
Hunter-Lab	33.7781, 3.4027, -39.9475

Details

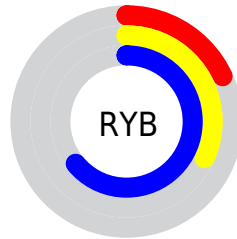
The Hex color **2E5FA3** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A3722E**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6A91DA**, and **00326F** is the 20% darker color. If you saturate the color by 10%, you get **1E56A3**, and if you desaturate by 10%, it is **3E68A3**.

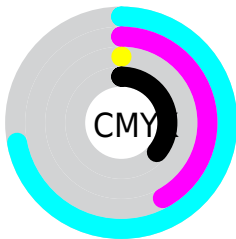
Distribution



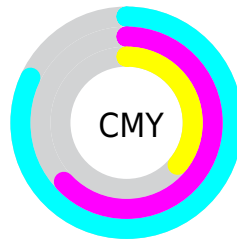
- Red (18%)
- Green (37%)
- Blue (64%)



- Red (18%)
- Yellow (32%)
- Blue (64%)



- Cyan (72%)
- Magenta (42%)
- Yellow (0%)
- Black (36%)



- Cyan (82%)
- Magenta (63%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E5FA3 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 2E5FA3 by changing the saturation by 10% instead.

■ 2E5FA3

■ 2E5FA3

FFFFFF

■ 004888

■ 6A91DA

■ 00326F

■ 87ABF7

■ 001E56

■ A3C7FF

■ 00023E

■ C0E3FF

■ 000327

■ DDFFFF

■ 000111

■ FBFFFF

■ 000000

■ 2E5FA3

■ 2E5FA3

■ 1E56A3

■ 3E68A3

0D4CA3

4F72A3

0044A3

5F7BA3

6F85A3

7F8EA3

9098A3

A0A1A3

B0ABA3

C1B4A3

Harmonies

Analogous

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



00699F



2E5FA3



6F5194

Triad

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



2E5FA3



984734



006E46

Complementary

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



2E5FA3



A3722E

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.



416926



2E5FA3



84551B

Square

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



2E5FA3



9E3F55



676113



007069

Rectangle

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



2E5FA3



884782



676113



1B6D3A

Sweetspot

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



2E5FA3



A5B9D4



2EA370



4F5B6B



EBEBEB



6B6B6B

Same Dimension

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



2E5FA3



1E6AD4



362EA3



494D52



003D91



000712

Inverse Universe

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



A32E5F



D41E6A



9BA32E



52494D



91003D



120007

Previews

White Background



This preview shows how the Hex color 2E5FA3 looks on a white background.

Color Contrast Check

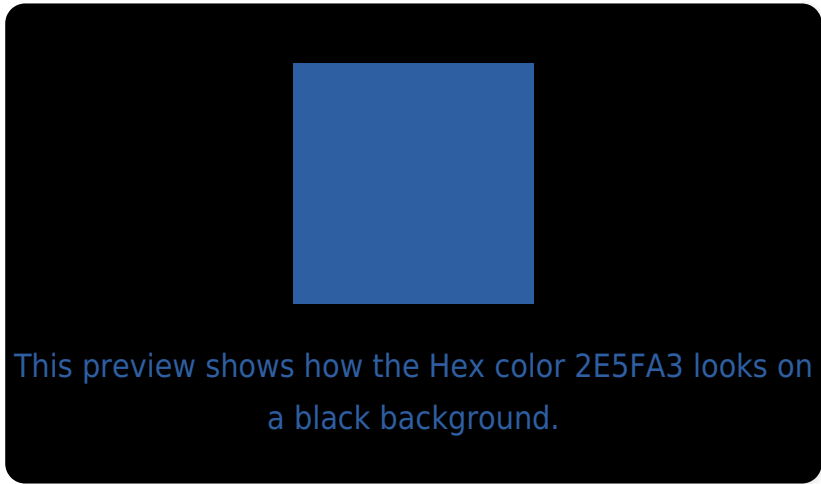
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E5FA3 Background



This preview shows how black text looks on a background with the Hex color 2E5FA3.



This preview shows how white text looks on a background with the Hex color 2E5FA3.

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



Original Color
2E5FA3

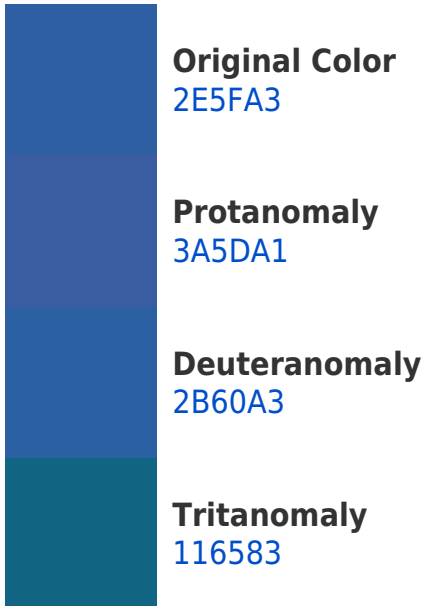
Protanopia
415CA0

Deuteranopia
2A60A3

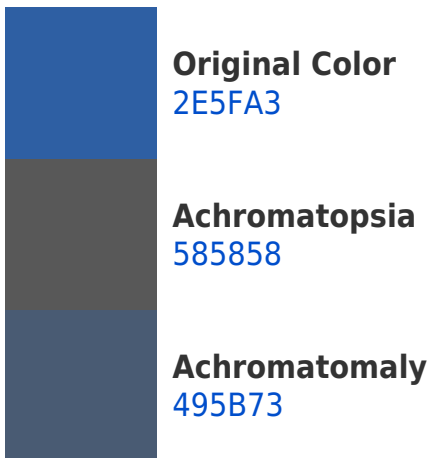


Tritanopia
006971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E5FA3 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 #2E5FA3 looks like.

```
.text, #text, p{  
    color:#2E5FA3  
}
```

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 #2E5FA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E5FA3
}
```

Border

The CSS property to change the border of an element to Hex 2E5FA3 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
#2E5FA3 }
```

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

```
.border{ border-color:#2E5FA3 }
```

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

Here you see how a box with a 4 pixel #2E5FA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E5FA3; -webkit-box-shadow:4px 4px  
4px 4px #2E5FA3; box-shadow:4px 4px 4px  
4px #2E5FA3 }
```

Background

The CSS property to change the background color of an element to Hex 2E5FA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E5FA3 }
```

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

```
.background{ background-color:#2E5FA3 }
```

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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