

Converting Colors

Hex(2E5FDB)

Have a look what the booklet for
Hex(2E5FDB) contains.

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Color

Hex(2E5FDB)

Conversions

Conversions Part 1

Format	Color
Hex	2E5FDB
RGB	46, 95, 219
RGB Percent	18%, 37%, 86%
CMY	0.8196, 0.6275, 0.1412
CMYK	0.79, 0.57, 0.00, 0.14
HSL	223°, 71%, 52%
HSV	223°, 79%, 86%
XYZ	18.0051, 13.8797, 68.7479
YIQ	94.4850, -69.0080, 28.1760

Conversions

Conversions Part 2

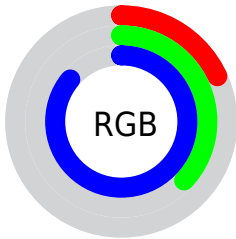
Format	Color
R_{YB}	46, 84, 219
Decimal	3039195
CIE Lab	44.06, 28.28, -68.03
CIE LCh	44, 73.671, 292.573
Yxy	13.8797, 0.1789, 0.1379
Android (android.graphics.Color)	4281229275 (0xFF2E5FDB)
YUV	94.4850, 61.3859, -42.5213
Hunter-Lab	37.2555, 21.0696, -83.3295

Details

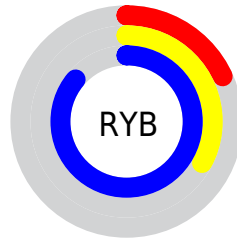
The Hex color **2E5FDB** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **DBAA2E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7791FF**, and **0032A3** is the 20% darker color. If you saturate the color by 10%, you get **184FDB**, and if you desaturate by 10%, it is **446FDB**.

Distribution



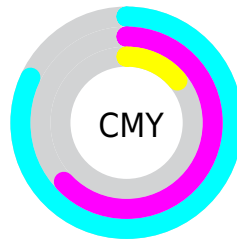
- Red (18%)
- Green (37%)
- Blue (86%)



- Red (18%)
- Yellow (33%)
- Blue (86%)



- Cyan (79%)
- Magenta (57%)
- Yellow (0%)
- Black (14%)



- Cyan (82%)
- Magenta (63%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E5FDB 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 2E5FDB by changing the saturation by 10% instead.

 2E5FDB

 2E5FDB

FFFFFF

 0048BF

 7791FF

 0032A3

 96ABFF

 001F88

 B5C6FF

 000B6E

 D3E2FF

 000954

 F2FFFF

 00063C

 000226

 00010E

 000000

■ 2E5FDB

■ 2E5FDB

■ 184FDB

■ 446FDB

■ 0240DB

■ 5A7EDB

■ 003EDB

■ 708EDB

■ 869EDB

■ 9CADDB

■ B1BDDB

■ C7CDDB

■ DDDDDB

■ F3ECDB

Harmonies

Analogous

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



0075E3



2E5FDB



A03BB4

Triad

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



2E5FDB



B64200



008156

Complementary

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



2E5FDB



DBAA2E

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.



007C0E



2E5FDB



8C6000

Square

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



2E5FDB



CE103E



537300



008296

Rectangle

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



2E5FDB



C1178E



537300



007F41

Sweetspot

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



2E5FDB



C2D3FF



2EDBAA



5B6580



000000



808080

Same Dimension

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



2E5FDB



0D51FF



532EDB



63666E



0031AD



000D2E

Inverse Universe

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



DB2E5F



FF0D51



B6DB2E



6E6366



AD0031



2E000D

Previews

White Background



This preview shows how the Hex color 2E5FDB looks on a white background.

Color Contrast Check

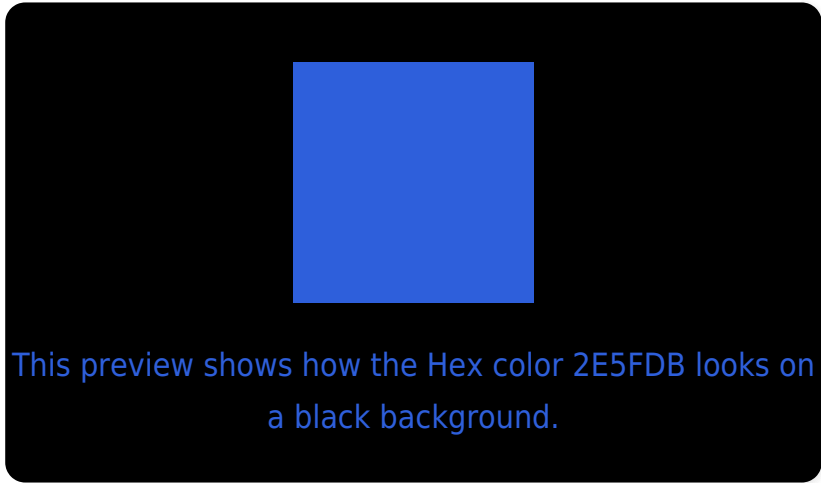
Large Text (above 18pt) WCAG AA ✓ Pass

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

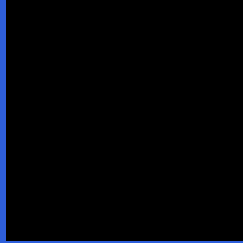
Any Text WCAG AA × Fail

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 2E5FDB Background



This preview shows how black text looks on a background with the Hex color 2E5FDB.

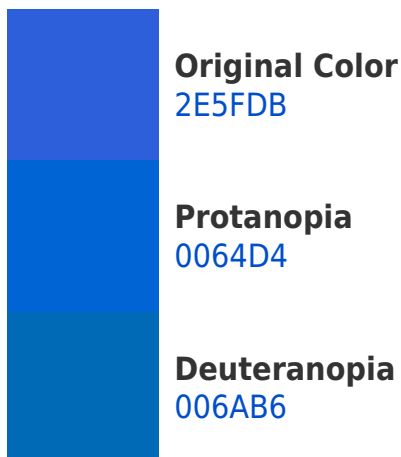


This preview shows how white text looks on a background with the Hex color 2E5FDB.

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](#).

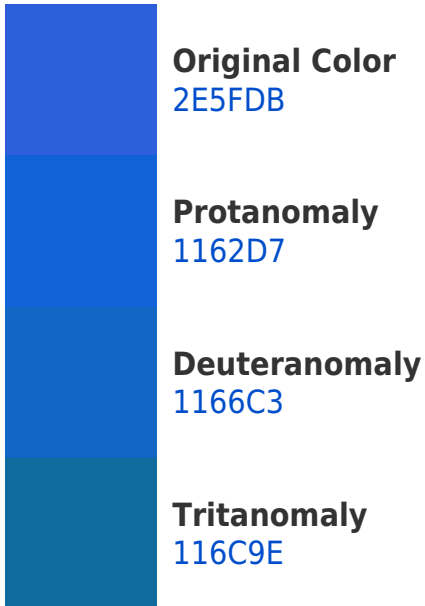
Dichromacy



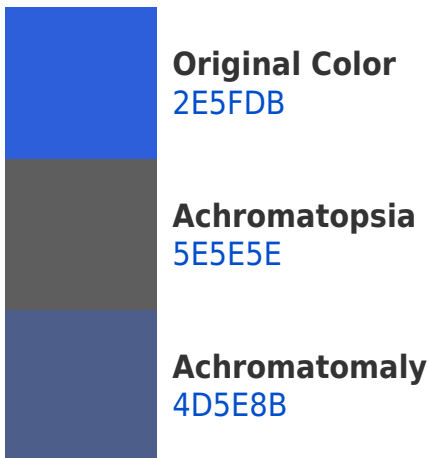


Tritanopia
00737B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E5FDB 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 #2E5FDB looks like.

```
.text, #text, p{  
    color:#2E5FDB  
}
```

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 #2E5FDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E5FDB
}
```

Border

The CSS property to change the border of an element to Hex 2E5FDB 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
#2E5FDB }
```

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

```
.border{ border-color:#2E5FDB }
```

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

Here you see how a box with a 4 pixel #2E5FDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E5FDB; -webkit-box-shadow:4px 4px  
4px 4px #2E5FDB; box-shadow:4px 4px 4px  
4px #2E5FDB }
```

Background

The CSS property to change the background color of an element to Hex 2E5FDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E5FDB }
```

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

```
.background{ background-color:#2E5FDB }
```

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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