

Converting Colors

Hex(2E6EDB)

Have a look what the booklet for
Hex(2E6EDB) contains.

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Color

Hex(2E6EDB)

Conversions

Conversions Part 1

Format	Color
Hex	2E6EDB
RGB	46, 110, 219
RGB Percent	18%, 43%, 86%
CMY	0.8196, 0.5686, 0.1412
CMYK	0.79, 0.50, 0.00, 0.14
HSL	218°, 71%, 52%
HSV	218°, 79%, 86%
XYZ	19.4888, 16.8472, 69.2425
YIQ	103.2900, -73.1330, 20.3310

Conversions

Conversions Part 2

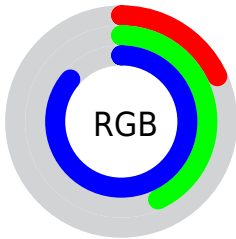
Format	Color
R_{YB}	46, 93, 219
Decimal	3043035
CIE _{Lab}	48.07, 18.69, -61.53
CIE _{LCh}	48, 64.305, 286.896
Yxy	16.8472, 0.1846, 0.1596
Android (android.graphics.Color)	4281233115 (0xFF2E6EDB)
YUV	103.2900, 57.0450, -50.2433
Hunter-Lab	41.0453, 12.9247, -71.2891

Details

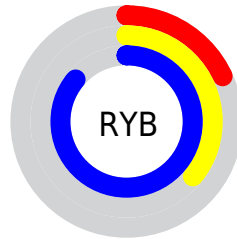
The Hex color **2E6EDB** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **DB9B2E**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **76A1FF**, and **0040A3** is the 20% darker color. If you saturate the color by 10%, you get **1860DB**, and if you desaturate by 10%, it is **447CDB**.

Distribution



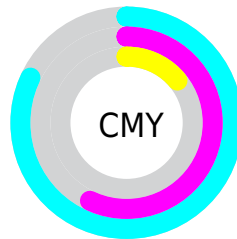
- Red (18%)
- Green (43%)
- Blue (86%)



- Red (18%)
- Yellow (36%)
- Blue (86%)



- Cyan (79%)
- Magenta (50%)
- Yellow (0%)
- Black (14%)



- Cyan (82%)
- Magenta (57%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E6EDB 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 2E6EDB by changing the saturation by 10% instead.

 2E6EDB

 2E6EDB

FFFFFF

 0056BF

 76A1FF

 0040A3

 95BCFF

 002B88

 B4D7FF

 00186E


 D2F4FF

 000455

 F1FFFF

 00063D

 000326

 00010F

 000000

■ 2E6EDB

■ 2E6EDB

■ 1860DB

■ 447CDB

■ 0252DB

■ 5A8ADB

■ 0051DB

■ 7097DB

■ 86A5DB

■ 9CB3DB

■ B1C1DB

■ C7CFDB

■ DDDCDB

■ F3EADB

Harmonies

Analogous

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



007FDC



2E6EDB



9A54BD

Triad

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



2E6EDB



C14E22



008958

Complementary

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



2E6EDB



DB9B2E

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.



24841E



2E6EDB



9D6700

Square

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



2E6EDB



D13656



6D7900



008A90

Rectangle

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



2E6EDB



BC419E



6D7900



008745

Sweetspot

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



2E6EDB



C2D8FF



2EDB99



5B6880



000000



808080

Same Dimension

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



2E6EDB



0D66FF



422EDB



63676E



0040AD



00112E

Inverse Universe

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



DB2E6E



FF0D66



C7DB2E



6E6367



AD0040



2E0011

Previews

White Background



This preview shows how the Hex color 2E6EDB 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



This preview shows how the Hex color 2E6EDB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

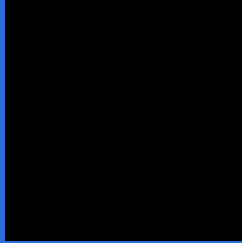
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

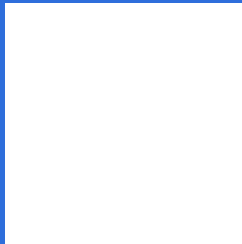
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2E6EDB Background



This preview shows how black text looks on a background with the Hex color 2E6EDB.



This preview shows how white text looks on a background with the Hex color 2E6EDB.

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](#).

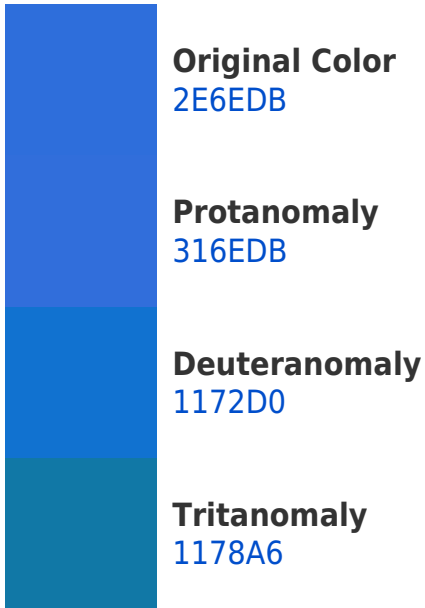
Dichromacy



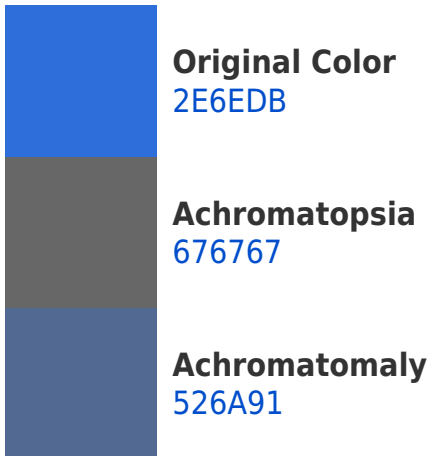


Tritanopia
007E87

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E6EDB 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 #2E6EDB looks like.

```
.text, #text, p{  
    color:#2E6EDB  
}
```

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 #2E6EDB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E6EDB
}
```

Border

The CSS property to change the border of an element to Hex 2E6EDB 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
#2E6EDB }
```

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

```
.border{ border-color:#2E6EDB }
```

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

Here you see how a box with a 4 pixel #2E6EDB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E6EDB; -webkit-box-shadow:4px 4px  
4px 4px #2E6EDB; box-shadow:4px 4px 4px  
4px #2E6EDB }
```

Background

The CSS property to change the background color of an element to Hex 2E6EDB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E6EDB }
```

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

```
.background{ background-color:#2E6EDB }
```

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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