

Converting Colors

Hex(2E45CB)

Have a look what the booklet for
Hex(2E45CB) contains.

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Color

Hex(2E45CB)

Conversions

Conversions Part 1

Format	Color
Hex	2E45CB
RGB	46, 69, 203
RGB Percent	18%, 27%, 80%
CMY	0.8196, 0.7294, 0.2039
CMYK	0.77, 0.66, 0.00, 0.20
HSL	231°, 63%, 49%
HSV	231°, 77%, 80%
XYZ	14.0343, 9.1489, 57.5261
YIQ	77.3990, -56.7220, 36.7980

Conversions

Conversions Part 2

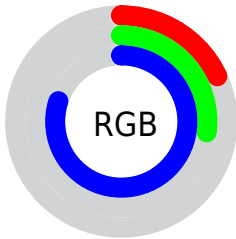
Format	Color
R_{YB}	46, 66, 203
Decimal	3032523
CIE _{Lab}	36.27, 38.97, -71.56
CIE _{LCh}	36, 81.489, 298.574
Yxy	9.1489, 0.1739, 0.1134
Android (android.graphics.Color)	4281222603 (0xFF2E45CB)
YUV	77.3990, 61.9213, -27.5369
Hunter-Lab	30.2471, 29.8896, -91.5890

Details

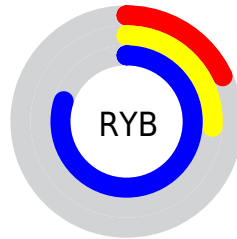
The Hex color **2E45CB** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **CBB42E**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7575FF**, and **001A94** is the 20% darker color. If you saturate the color by 10%, you get **1A34CB**, and if you desaturate by 10%, it is **4256CB**.

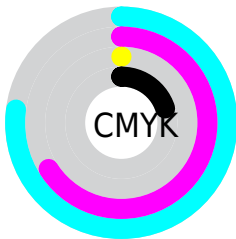
Distribution



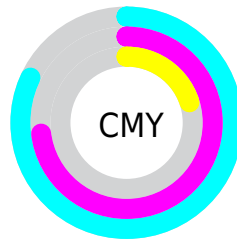
- Red (18%)
- Green (27%)
- Blue (80%)



- Red (18%)
- Yellow (26%)
- Blue (80%)



- Cyan (77%)
- Magenta (66%)
- Yellow (0%)
- Black (20%)



- Cyan (82%)
- Magenta (73%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E45CB 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 2E45CB by changing the saturation by 10% instead.

■ 2E45CB

■ 2E45CB

FFFFFF

■ 002FAF

■ 7575FF

■ 001A94

■ 948FFF

■ 000879

■ B2AFFF

■ 00005F

■ D1C5FF

■ 000846

■ EFE1FF

■ 00042F

FFFEFF

■ 000119

■ 000000

■ 2E45CB

■ 2E45CB

■ 1A34CB

■ 4256CB

■ 0522CB

■ 5768CB

■ 001ECB

■ 6B79CB

■ 7F8ACB

■ 939CCB

■ A8ADCB

■ BCBE CB

■ D0D0CB

■ E5E1CB

Harmonies

Analogous

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



0060DC



2E45CB



9C009B

Triad

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



2E45CB



9C3100



006D50

Complementary

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



2E45CB



CBB42E

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.



006A00



2E45CB



6C5200

Square

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



2E45CB



BB001C



256300



006E93

Rectangle

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



2E45CB



B80071



256300



006C39

Sweetspot

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



2E45CB



C4CDFF



2ECBB3



5C6180



000000



808080

Same Dimension

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



2E45CB



1235FF



652ECB



5C5D66



0018A6



000626

Inverse Universe

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



CB2E45



FF1235



94CB2E



665C5D



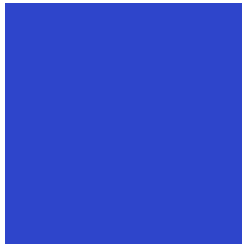
A60018



260006

Previews

White Background



This preview shows how the Hex color 2E45CB 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

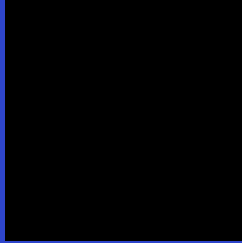
Any Text WCAG AA × Fail

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 2E45CB Background



This preview shows how black text looks on a background with the Hex color 2E45CB.

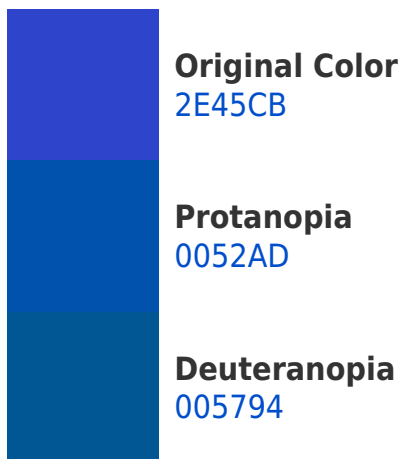


This preview shows how white text looks on a background with the Hex color 2E45CB.

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](#).

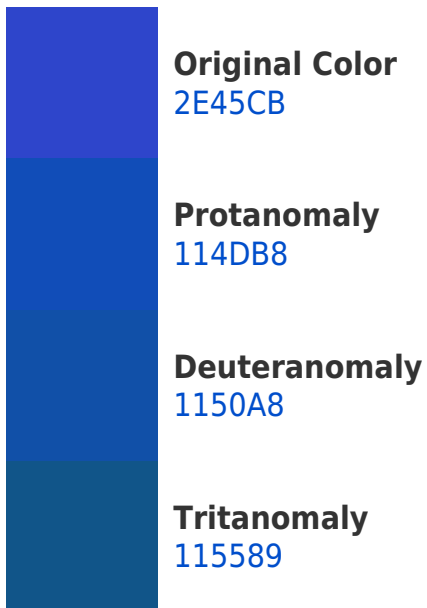
Dichromacy



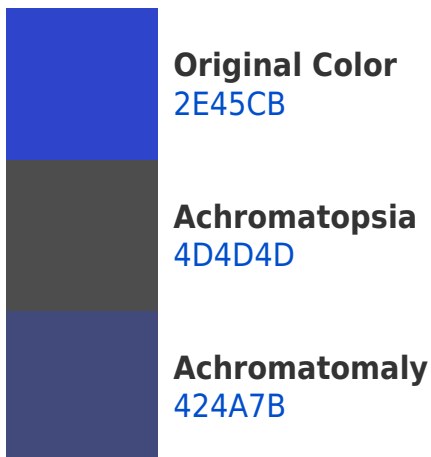


Tritanopia
005E64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E45CB 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 #2E45CB looks like.

```
.text, #text, p{  
    color:#2E45CB  
}
```

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 #2E45CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E45CB
}
```

Border

The CSS property to change the border of an element to Hex 2E45CB 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
#2E45CB }
```

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

```
.border{ border-color:#2E45CB }
```

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

Here you see how a box with a 4 pixel #2E45CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E45CB; -webkit-box-shadow:4px 4px  
4px 4px #2E45CB; box-shadow:4px 4px 4px  
4px #2E45CB }
```

Background

The CSS property to change the background color of an element to Hex 2E45CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E45CB }
```

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

```
.background{ background-color:#2E45CB }
```

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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