

Converting Colors

Hex(2E52CA)

Have a look what the booklet for
Hex(2E52CA) contains.

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Color

Hex(2E52CA)

Conversions

Conversions Part 1

Format	Color
Hex	2E52CA
RGB	46, 82, 202
RGB Percent	18%, 32%, 79%
CMY	0.8196, 0.6784, 0.2078
CMYK	0.77, 0.59, 0.00, 0.21
HSL	226°, 63%, 49%
HSV	226°, 77%, 79%
XYZ	14.8047, 10.8797, 57.1968
YIQ	84.9160, -59.9760, 29.6880

Conversions

Conversions Part 2

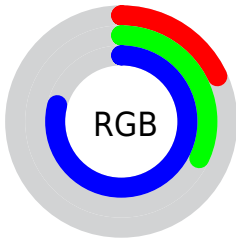
Format	Color
R_{YB}	46, 75, 202
Decimal	3035850
CIE _{Lab}	39.38, 30.33, -65.90
CIE _{LCh}	39, 72.541, 294.714
Yxy	10.8797, 0.1786, 0.1313
Android (android.graphics.Color)	4281225930 (0xFF2E52CA)
YUV	84.9160, 57.7224, -34.1293
Hunter-Lab	32.9844, 22.3951, -79.7232

Details

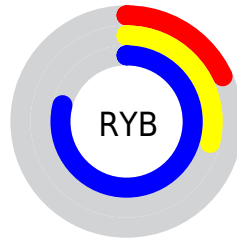
The Hex color **2E52CA** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **CAA62E**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7383FF**, and **002693** is the 20% darker color. If you saturate the color by 10%, you get **1A42CA**, and if you desaturate by 10%, it is **4262CA**.

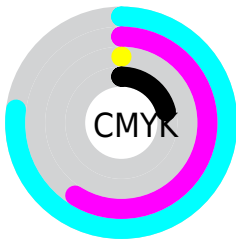
Distribution



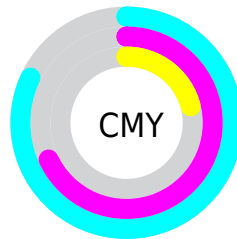
- Red (18%)
- Green (32%)
- Blue (79%)



- Red (18%)
- Yellow (29%)
- Blue (79%)



- Cyan (77%)
- Magenta (59%)
- Yellow (0%)
- Black (21%)



- Cyan (82%)
- Magenta (68%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E52CA 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 2E52CA by changing the saturation by 10% instead.

 2E52CA

 2E52CA

FFFFFF

 003BAE

 7383FF

 002693

 929DFF

 001478

 B0B8FF

 00005F

 CFD3FF

 000846

 EDF0FF

 00042F

 000119

 000000

 2E52CA

 2E52CA

■ 1A42CA

■ 4262CA

■ 0633CA

■ 5671CA

■ 002FCA

■ 6B81CA

■ 7F90CA

■ 93A0CA

■ A7AFCA

■ BBBFCA

■ D0CECA

■ E4DECA

Harmonies

Analogous

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



0068D4



2E52CA



972BA2

Triad

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



2E52CA



A53900



007450

Complementary

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



2E52CA



CAA62E

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.



007008



2E52CA



7B5700

Square

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



2E52CA



BD0030



426800



00758D

Rectangle

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



2E52CA



B4007D



426800



00733B

Sweetspot

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



2E52CA



C4D2FF



2ECAA6



5C6480



000000



808080

Same Dimension

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



2E52CA



1249FF



582ECA



5C5E66



0026A6



000926

Inverse Universe

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



CA2E52



FF1249



A0CA2E



665C5E



A60026



260009

Previews

White Background



This preview shows how the Hex color 2E52CA 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

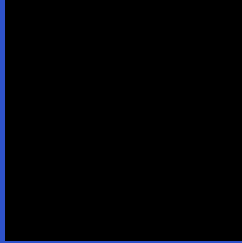
Any Text WCAG AA × Fail

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 2E52CA Background



This preview shows how black text looks on a background with the Hex color 2E52CA.

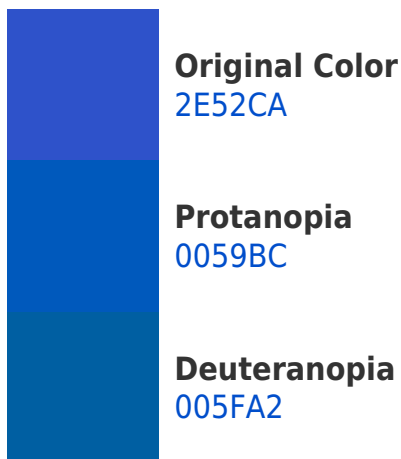


This preview shows how white text looks on a background with the Hex color 2E52CA.

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](#).

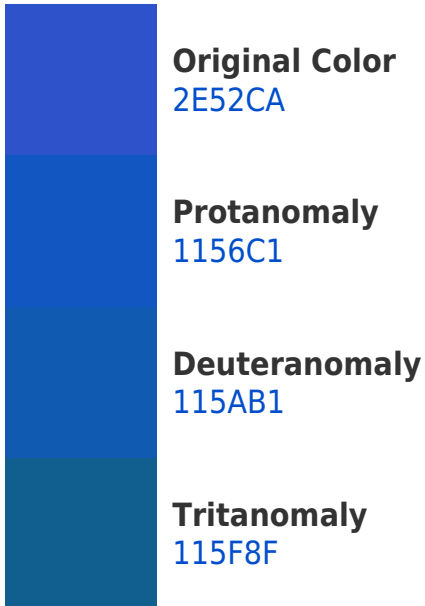
Dichromacy



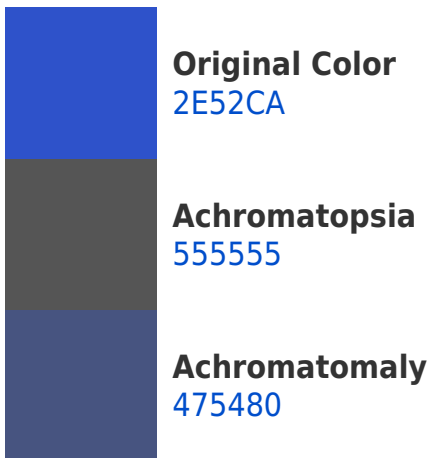


Tritanopia
00666D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E52CA 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 #2E52CA looks like.

```
.text, #text, p{  
    color:#2E52CA  
}
```

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 #2E52CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E52CA
}
```

Border

The CSS property to change the border of an element to Hex 2E52CA 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
#2E52CA }
```

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

```
.border{ border-color:#2E52CA }
```

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

Here you see how a box with a 4 pixel #2E52CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E52CA; -webkit-box-shadow:4px 4px  
4px 4px #2E52CA; box-shadow:4px 4px 4px  
4px #2E52CA }
```

Background

The CSS property to change the background color of an element to Hex 2E52CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E52CA }
```

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

```
.background{ background-color:#2E52CA }
```

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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