

Converting Colors

Hex(2E4CB4)

Have a look what the booklet for
Hex(2E4CB4) contains.

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Color

Hex(2E4CB4)

Conversions

Conversions Part 1

Format	Color
Hex	2E4CB4
RGB	46, 76, 180
RGB Percent	18%, 30%, 71%
CMY	0.8196, 0.7020, 0.2941
CMYK	0.74, 0.58, 0.00, 0.29
HSL	227°, 59%, 44%
HSV	227°, 74%, 71%
XYZ	11.9494, 9.0450, 44.2961
YIQ	78.8860, -51.2640, 25.9840

Conversions

Conversions Part 2

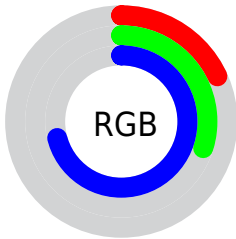
Format	Color
R _Y B	46, 71, 180
Decimal	3034292
CIE Lab	36.07, 26.04, -58.42
CIE LCh	36, 63.957, 294.022
Yxy	9.0450, 0.1830, 0.1385
Android (android.graphics.Color)	4281224372 (0xFF2E4CB4)
YUV	78.8860, 49.8492, -28.8410
Hunter-Lab	30.0749, 18.2905, -66.2733

Details

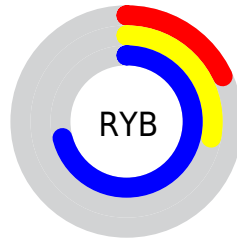
The Hex color **2E4CB4** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **B4962E**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6F7CED**, and **00217E** is the 20% darker color. If you saturate the color by 10%, you get **1C3EB4**, and if you desaturate by 10%, it is **405AB4**.

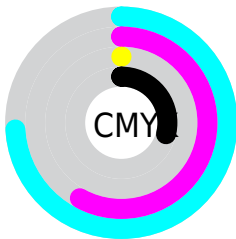
Distribution



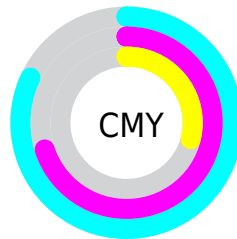
- Red (18%)
- Green (30%)
- Blue (71%)



- Red (18%)
- Yellow (28%)
- Blue (71%)



- Cyan (74%)
- Magenta (58%)
- Yellow (0%)
- Black (29%)



- Cyan (82%)
- Magenta (70%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4CB4 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 2E4CB4 by changing the saturation by 10% instead.

■ 2E4CB4

■ 2E4CB4

FFFFFF

■ 003699

■ 6F7CED

■ 00217E

■ 8C96FF

■ 000E64

■ AAB1FF

■ 00024C

■ C7CCFF

■ 000434

■ E5E8FF

■ 00021E

■ 000000

■ 2E4CB4

■ 2E4CB4

■ 1C3EB4

■ 405AB4

■ 0A30B4

■ 5268B4

■ 0028B4

■ 6476B4

■ 7684B4

■ 8892B4

■ 9AA0B4

■ ACAEB4

■ BEBCB4

■ D0CAB4

Harmonies

Analogous

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



005FBC



2E4CB4



862D92

Triad

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



2E4CB4



953600



006949

Complementary

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



2E4CB4



B4962E

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.



00660D



2E4CB4



714F00

Square

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



2E4CB4



AA0E2F



415E00



006A7E

Rectangle

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



2E4CB4



A00E72



415E00



006936

Sweetspot

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



2E4CB4



B7C3EB



2EB495



575E75



F5F5F5



757575

Same Dimension

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



2E4CB4



1A49EB



522EB4



505259



002299



00061A

Inverse Universe

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



B42E4C



EB1A49



90B42E



595052



990022



1A0006

Previews

White Background



This preview shows how the Hex color 2E4CB4 looks on a white background.

Color Contrast Check

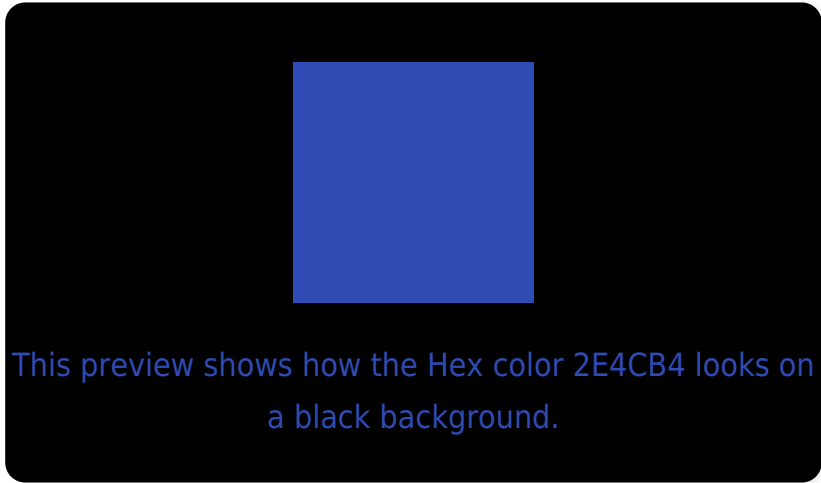
Large Text (above 18pt) WCAG AA ✓ Pass

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

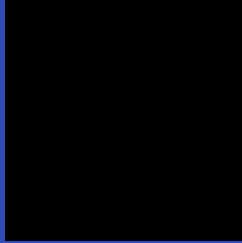
Any Text WCAG AA × Fail

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 2E4CB4 Background



This preview shows how black text looks on a background with the Hex color 2E4CB4.

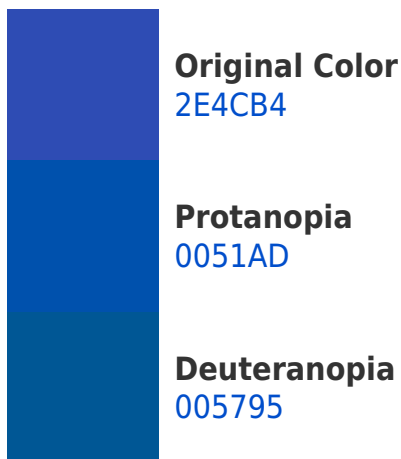


This preview shows how white text looks on a background with the Hex color 2E4CB4.

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



Original Color
2E4CB4

Protanomaly
114FB0

Deuteranomaly
1153A0

Tritanomaly
115781

Monochromacy



Original Color
2E4CB4

Achromatopsia
4F4F4F

Achromatomaly
434E74

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4CB4 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 #2E4CB4 looks like.

```
.text, #text, p{  
    color:#2E4CB4  
}
```

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 #2E4CB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4CB4
}
```

Border

The CSS property to change the border of an element to Hex 2E4CB4 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
#2E4CB4 }
```

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

```
.border{ border-color:#2E4CB4 }
```

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

Here you see how a box with a 4 pixel #2E4CB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4CB4; -webkit-box-shadow:4px 4px  
4px 4px #2E4CB4; box-shadow:4px 4px 4px  
4px #2E4CB4 }
```

Background

The CSS property to change the background color of an element to Hex 2E4CB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4CB4 }
```

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

```
.background{ background-color:#2E4CB4 }
```

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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