

Converting Colors

Hex(2C59CE)

Have a look what the booklet for
Hex(2C59CE) contains.

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Color

Hex(2C59CE)

Conversions

Conversions Part 1

Format	Color
Hex	2C59CE
RGB	44, 89, 206
RGB Percent	17%, 35%, 81%
CMY	0.8275, 0.6510, 0.1922
CMYK	0.79, 0.57, 0.00, 0.19
HSL	223°, 65%, 49%
HSV	223°, 79%, 81%
XYZ	15.7517, 12.1365, 59.9049
YIQ	88.8830, -64.3770, 26.8470

Conversions

Conversions Part 2

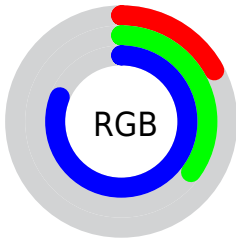
Format	Color
R_{YB}	44, 79, 206
Decimal	2906574
CIE _{Lab}	41.43, 27.09, -64.86
CIE _{LCh}	41, 70.290, 292.668
Yxy	12.1365, 0.1794, 0.1382
Android (android.graphics.Color)	4281096654 (0xFF2C59CE)
YUV	88.8830, 57.7387, -39.3624
Hunter-Lab	34.8374, 19.7429, -77.5663

Details

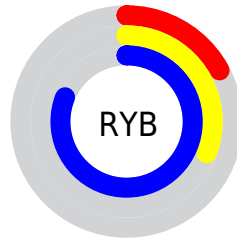
The Hex color **2C59CE** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **CEA12C**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **738AFF**, and **002D97** is the 20% darker color. If you saturate the color by 10%, you get **174ACE**, and if you desaturate by 10%, it is **4168CE**.

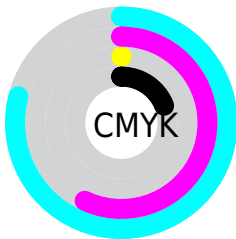
Distribution



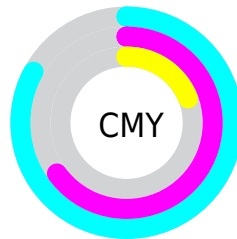
- Red (17%)
- Green (35%)
- Blue (81%)



- Red (17%)
- Yellow (31%)
- Blue (81%)



- Cyan (79%)
- Magenta (57%)
- Yellow (0%)
- Black (19%)



- Cyan (83%)
- Magenta (65%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C59CE 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 2C59CE by changing the saturation by 10% instead.

 2C59CE

 2C59CE

FFFFFF

 0042B2

 738AFF

 002D97

 92A5FF

 001A7C

 B0C0FF

 000062

 CEDBFF

 000949

 EDF8FF

 000432

 00011C

 000000

 2C59CE

 2C59CE

■ 174ACE

■ 4168CE

■ 033BCE

■ 5577CE

■ 0039CE

■ 6A86CE

■ 7E95CE

■ 93A3CE

■ A8B2CE

■ BCC1CE

■ D1D0CE

■ E5DFCE

Harmonies

Analogous

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



006ED6



2C59CE



9737A9

Triad

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



2C59CE



AC3E00



007951

Complementary

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



2C59CE



CEA12C

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.



00750D



2C59CE



835A00

Square

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



2C59CE



C2103A



4D6C00



007A8D

Rectangle

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



2C59CE



B51686



4D6C00



00783D

Sweetspot

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



2C59CE



C2D3FF



2CCEA0



5B6580



000000



808080

Same Dimension

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



2C59CE



0F52FF



4F2CCE



5C5F66



002EA6



000B26

Inverse Universe

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



CE2C59



FF0F52



ABCE2C



665C5F



A6002E



26000B

Previews

White Background



This preview shows how the Hex color 2C59CE looks on a white background.

Color Contrast Check

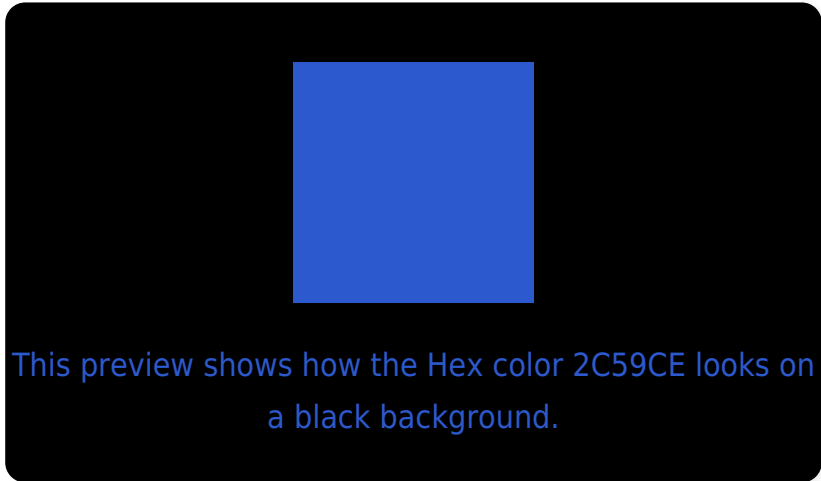
Large Text (above 18pt) WCAG AA ✓ Pass

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

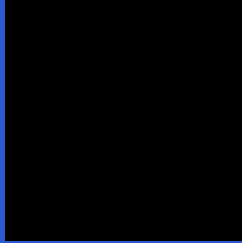
Any Text WCAG AA × Fail

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 2C59CE Background



This preview shows how black text looks on a background with the Hex color 2C59CE.

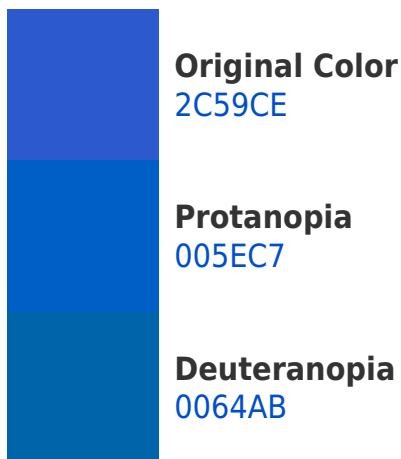


This preview shows how white text looks on a background with the Hex color 2C59CE.

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](#).

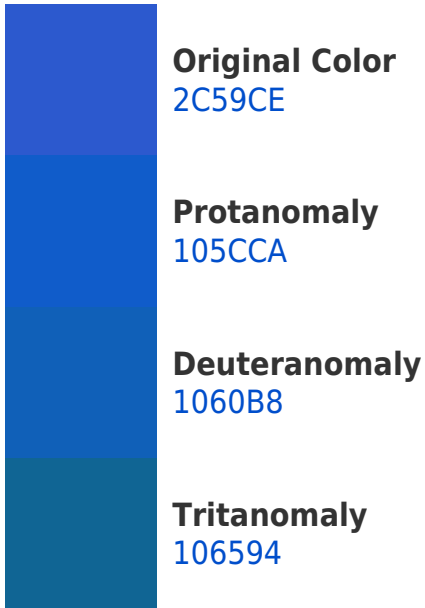
Dichromacy





Tritanopia
006C73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C59CE 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 #2C59CE looks like.

```
.text, #text, p{
  color:#2C59CE
}
```

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 #2C59CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C59CE
}
```

Border

The CSS property to change the border of an element to Hex 2C59CE 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
#2C59CE }
```

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

```
.border{ border-color:#2C59CE }
```

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

Here you see how a box with a 4 pixel #2C59CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C59CE; -webkit-box-shadow:4px 4px  
4px 4px #2C59CE; box-shadow:4px 4px 4px  
4px #2C59CE }
```

Background

The CSS property to change the background color of an element to Hex 2C59CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C59CE }
```

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

```
.background{ background-color:#2C59CE }
```

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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