

# Converting Colors

Hex(2C67CE)

Have a look what the booklet for  
Hex(2C67CE) contains.

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# Color

Hex(2C67CE)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2C67CE
RGB	44, 103, 206
RGB Percent	17%, 40%, 81%
CMY	0.8275, 0.5961, 0.1922
CMYK	0.79, 0.50, 0.00, 0.19
HSL	218°, 65%, 49%
HSV	218°, 79%, 81%
XYZ	17.0295, 14.6922, 60.3308
YIQ	97.1010, -68.2270, 19.5250

# Conversions

## Conversions Part 2

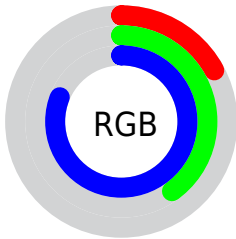
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 87, 206
Decimal	2910158
CIE <sub>Lab</sub>	45.21, 18.04, -58.74
CIE <sub>LCh</sub>	45, 61.444, 287.075
Yxy	14.6922, 0.1850, 0.1596
Android (android.graphics.Color)	4281100238 (0xFF2C67CE)
YUV	97.1010, 53.6872, -46.5696
Hunter-Lab	38.3304, 12.2262, -66.4893

# Details

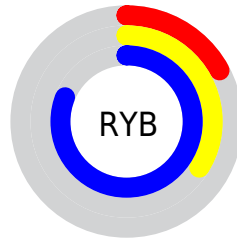
The Hex color **2C67CE** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **CE932C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **7299FF**, and **003997** is the 20% darker color. If you saturate the color by 10%, you get **175ACE**, and if you desaturate by 10%, it is **4174CE**.

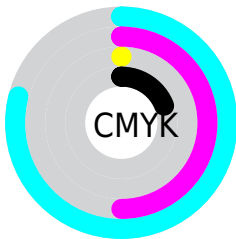
# Distribution



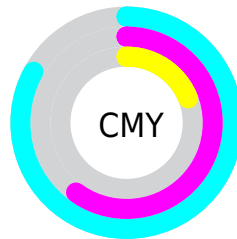
- Red (17%)
- Green (40%)
- Blue (81%)



- Red (17%)
- Yellow (34%)
- Blue (81%)



- Cyan (79%)
- Magenta (50%)
- Yellow (0%)
- Black (19%)



- Cyan (83%)
- Magenta (60%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C67CE 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 2C67CE by changing the saturation by 10% instead.



■ 2C67CE

■ 2C67CE

FFFFFF

■ 004FB2

■ 7299FF

■ 003997

■ 91B4FF

■ 00257C

■ AFCFFF

■ 001263

■ CDECFF

■ 00094A

■ ECFFFF

■ 000432

■ 00021C

■ 000000

■ 2C67CE

■ 2C67CE

■ 175ACE

■ 4174CE

■ 034DCE

■ 5581CE

■ 004BCE

■ 6A8ECE

■ 7E9BCE

■ 93A8CE

■ A8B6CE

■ BCC3CE

■ D1D0CE

■ E5DDCE

# Harmonies

## Analogous

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



0077D0



2C67CE



914EB2

# Triad

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



2C67CE



B5491F



008052

# Complementary

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



2C67CE



CE932C

# 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.



217C1C



2C67CE



946100

# Square

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



2C67CE



C53250



667200



008288

# Rectangle

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



2C67CE



B13C94



667200



007F40



# Sweetspot

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



2C67CE



C2D8FF



2CCE93



5B6880



000000



808080



# Same Dimension

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



2C67CE



0F67FF



422CCE



5C6066



003CA6



000E26



# Inverse Universe

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



CE2C67



FF0F67



B8CE2C



665C60



A6003C



26000E



# Previews

## White Background



This preview shows how the Hex color 2C67CE looks on a white background.

## Color Contrast Check

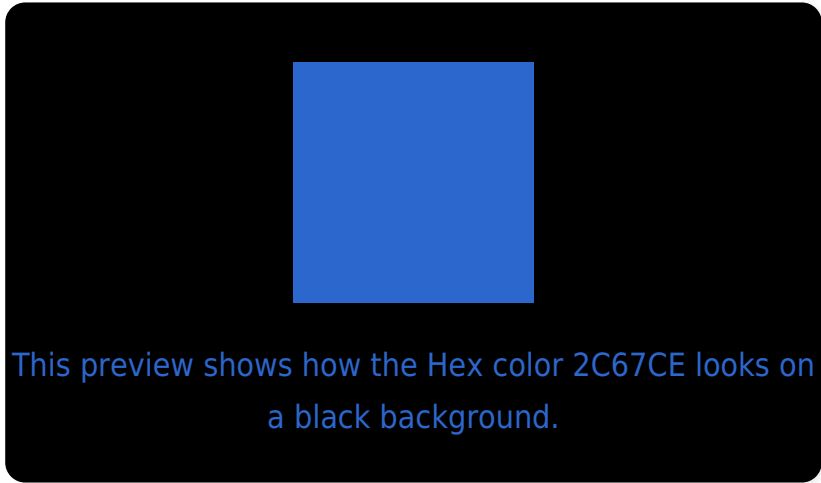
Large Text (above 18pt) WCAG AA ✓ Pass

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

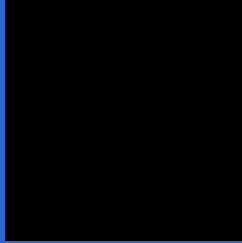
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

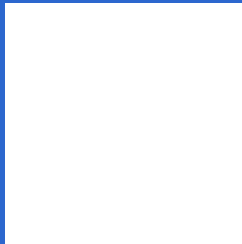
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2C67CE Background



This preview shows how black text looks on a background with the Hex color 2C67CE.



This preview shows how white text looks on a background with the Hex color 2C67CE.

# 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](#).

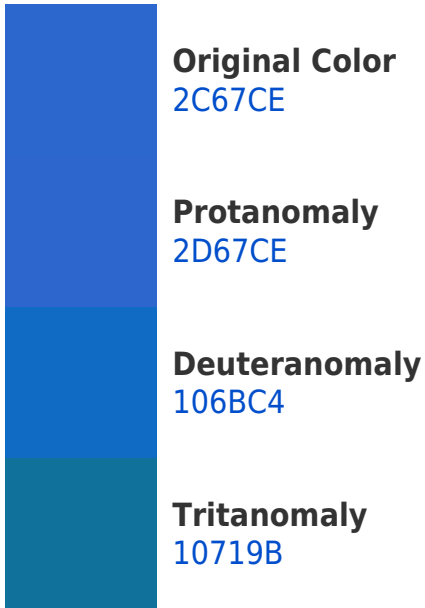
## Dichromacy





**Tritanopia**  
00767E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C67CE 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 #2C67CE looks like.

```
.text, #text, p{  
    color:#2C67CE  
}
```

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 #2C67CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C67CE
}
```

## Border

The CSS property to change the border of an element to Hex 2C67CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

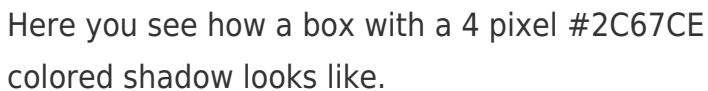
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C67CE }
```

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

```
.border{ border-color:#2C67CE }
```

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



Here you see how a box with a 4 pixel #2C67CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C67CE; -webkit-box-shadow:4px 4px  
4px 4px #2C67CE; box-shadow:4px 4px 4px  
4px #2C67CE }
```

# Background

The CSS property to change the background color of an element to Hex 2C67CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C67CE }
```

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

```
.background{ background-color:#2C67CE }
```

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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