

Converting Colors

Hex(2B69CE)

Have a look what the booklet for
Hex(2B69CE) contains.

Hex(2B69CE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2B69CE)

Conversions

Conversions Part 1

Format	Color
Hex	2B69CE
RGB	43, 105, 206
RGB Percent	17%, 41%, 81%
CMY	0.8314, 0.5882, 0.1922
CMYK	0.79, 0.49, 0.00, 0.19
HSL	217°, 65%, 49%
HSV	217°, 79%, 81%
XYZ	17.1884, 15.0730, 60.3960
YIQ	97.9760, -69.3730, 18.2670

Conversions

Conversions Part 2

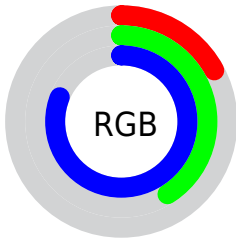
Format	Color
R_{YB}	43, 88, 206
Decimal	2845134
CIE _{Lab}	45.73, 16.66, -57.89
CIE _{LCh}	46, 60.239, 286.051
Yxy	15.0730, 0.1855, 0.1627
Android (android.graphics.Color)	4281035214 (0xFF2B69CE)
YUV	97.9760, 53.2558, -48.2140
Hunter-Lab	38.8239, 11.0850, -65.0570

Details

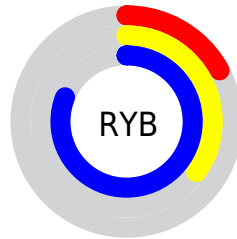
The Hex color **2B69CE** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **CE902B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **719CFF**, and **003B97** is the 20% darker color. If you saturate the color by 10%, you get **165CCE**, and if you desaturate by 10%, it is **4076CE**.

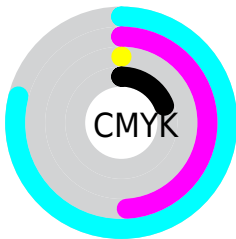
Distribution



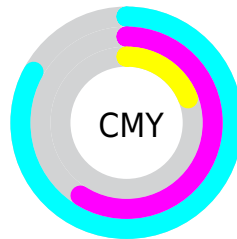
- Red (17%)
- Green (41%)
- Blue (81%)



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



- Cyan (79%)
- Magenta (49%)
- Yellow (0%)
- Black (19%)



- Cyan (83%)
- Magenta (59%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B69CE 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 2B69CE by changing the saturation by 10% instead.

 2B69CE

 2B69CE

FFFFFF

 0051B2

 719CFF

 003B97

 90B6FF

 00277C

 AED2FF

 001463

 CDEEFF

 00094A

 EBFFFF

 000432

 00021D

 000000

 2B69CE

 2B69CE

■ 165CCE

■ 4076CE

■ 024FCE

■ 5483CE

■ 004ECE

■ 698FCE

■ 7D9CCE

■ 92A9CE

■ A7B6CE

■ BBC2CE

■ D0CFCE

■ E4DCCE

Harmonies

Analogous

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



0079CF



2B69CE



9051B3

Triad

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



2B69CE



B64A24



008152

Complementary

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



2B69CE



CE902B

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.



297C1E



2B69CE



966100

Square

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



2B69CE



C53654



6A7200



008387

Rectangle

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



2B69CE



B04096



6A7200



008041

Sweetspot

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



2B69CE



C2D9FF



2BCE90



5B6980



000000



808080

Same Dimension

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



2B69CE



0D69FF



3E2BCE



5C6066



003FA6



000F26

Inverse Universe

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



CE2B69



FF0D69



BBCE2B



665C60



A6003F



26000F

Previews

White Background



This preview shows how the Hex color 2B69CE looks on a white background.

Color Contrast Check

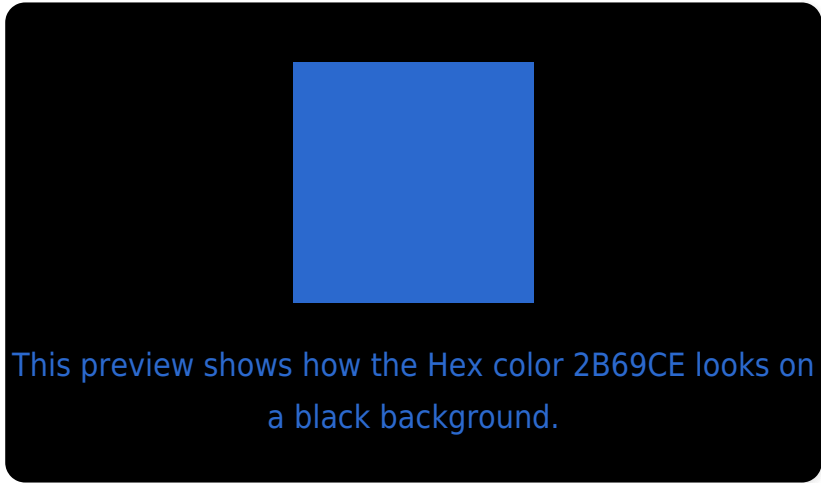
Large Text (above 18pt) WCAG AA ✓ Pass

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

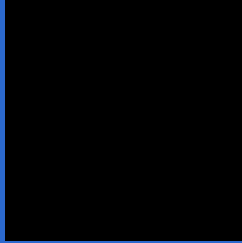
Any Text WCAG AA × Fail

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 2B69CE Background



This preview shows how black text looks on a background with the Hex color 2B69CE.



This preview shows how white text looks on a background with the Hex color 2B69CE.

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](#).

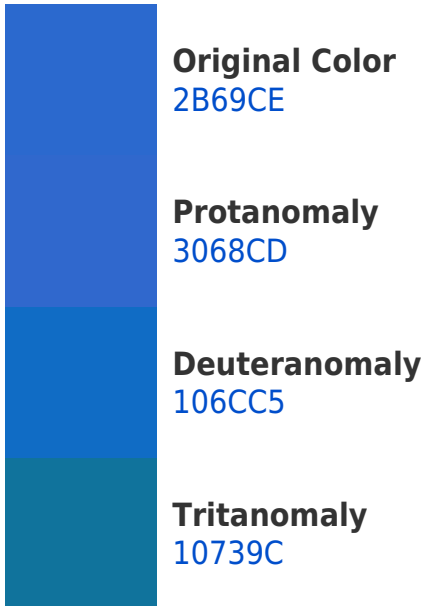
Dichromacy





Tritanopia
007880

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B69CE 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 #2B69CE looks like.

```
.text, #text, p{  
    color:#2B69CE  
}
```

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 #2B69CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B69CE
}
```

Border

The CSS property to change the border of an element to Hex 2B69CE 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
#2B69CE }
```

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

```
.border{ border-color:#2B69CE }
```

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

Here you see how a box with a 4 pixel #2B69CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B69CE; -webkit-box-shadow:4px 4px  
4px 4px #2B69CE; box-shadow:4px 4px 4px  
4px #2B69CE }
```

Background

The CSS property to change the background color of an element to Hex 2B69CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B69CE }
```

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

```
.background{ background-color:#2B69CE }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor