

Converting Colors

Hex(2A67CE)

Have a look what the booklet for
Hex(2A67CE) contains.

Hex(2A67CE)	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(2A67CE)

Conversions

Conversions Part 1

Format	Color
Hex	2A67CE
RGB	42, 103, 206
RGB Percent	16%, 40%, 81%
CMY	0.8353, 0.5961, 0.1922
CMYK	0.80, 0.50, 0.00, 0.19
HSL	218°, 66%, 49%
HSV	218°, 80%, 81%
XYZ	16.9457, 14.6490, 60.3269
YIQ	96.5030, -69.4190, 19.1010

Conversions

Conversions Part 2

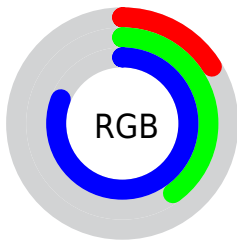
Format	Color
R _Y B	42, 86, 206
Decimal	2779086
CIE Lab	45.15, 17.84, -58.84
CIE LCh	45, 61.480, 286.865
Yxy	14.6490, 0.1843, 0.1594
Android (android.graphics.Color)	4280969166 (0xFF2A67CE)
YUV	96.5030, 53.9820, -47.7991
Hunter-Lab	38.2740, 12.0508, -66.6603

Details

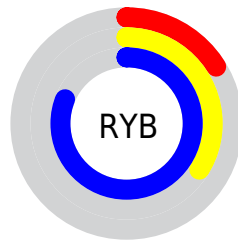
The Hex color **2A67CE** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **CE912A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7199FF**, and **003997** is the 20% darker color. If you saturate the color by 10%, you get **155ACE**, and if you desaturate by 10%, it is **3F74CE**.

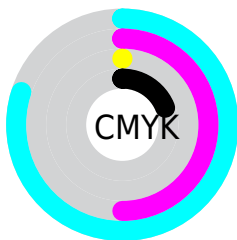
Distribution



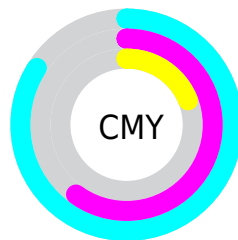
- Red (16%)
- Green (40%)
- Blue (81%)



- Red (16%)
- Yellow (34%)
- Blue (81%)



- Cyan (80%)
- Magenta (50%)
- Yellow (0%)
- Black (19%)



- Cyan (84%)
- Magenta (60%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A67CE 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 2A67CE by changing the saturation by 10% instead.

 2A67CE

 2A67CE

FFFFFF

 004FB2

 7199FF

 003997

 90B4FF

 00257C

 AECFFF

 001263

 CCECFF

 00094A

 EBFFFF

 000432

 00021C

 000000

 2A67CE

 2A67CE

■ 155ACE

■ 3F74CE

■ 014DCE

■ 5381CE

■ 004DCE

■ 688ECE

■ 7C9BCE

■ 91A8CE

■ A6B5CE

■ BAC2CE

■ CFCFCE

■ E3DBCE

Harmonies

Analogous

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



0077CF



2A67CE



904EB2

Triad

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



2A67CE



B54920



008052

Complementary

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



2A67CE



CE912A

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.



217B1B



2A67CE



946000

Square

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



2A67CE



C43250



667100



008287

Rectangle

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



2A67CE



B03C94



667100



007F40

Sweetspot

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



2A67CE



C2D9FF



2ACE8F



5B6880



000000



808080

Same Dimension

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



2A67CE



0A65FF



3D2ACE



5C6066



003EA6



000E26

Inverse Universe

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



CE2A67



FF0A65



BBCE2A



665C60



A6003E



26000E

Previews

White Background



This preview shows how the Hex color 2A67CE looks on a white background.

Color Contrast Check

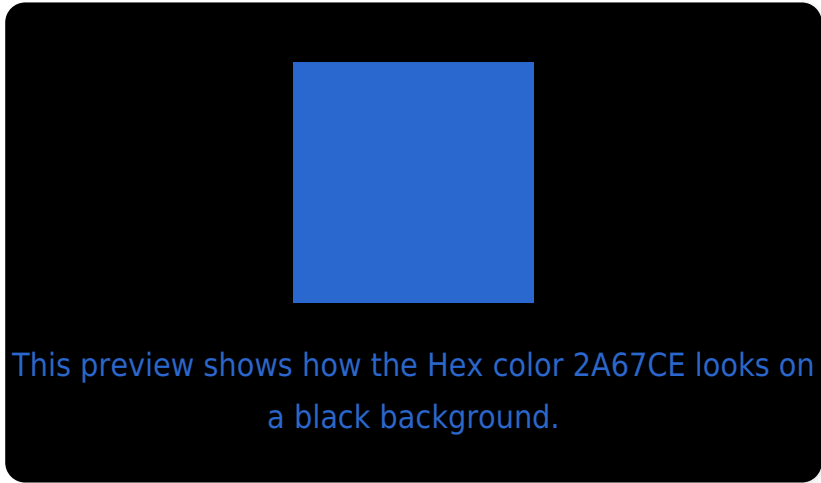
Large Text (above 18pt) WCAG AA ✓ Pass

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

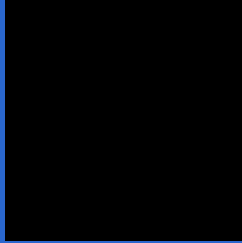
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

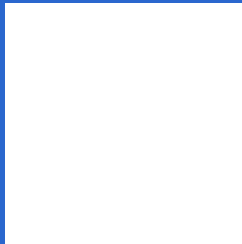
Any Text WCAG AAA × Fail

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

Hex 2A67CE Background



This preview shows how black text looks on a background with the Hex color 2A67CE.



This preview shows how white text looks on a background with the Hex color 2A67CE.

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](#).

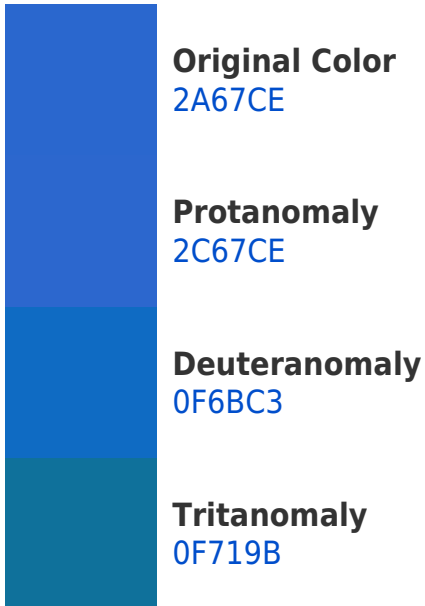
Dichromacy



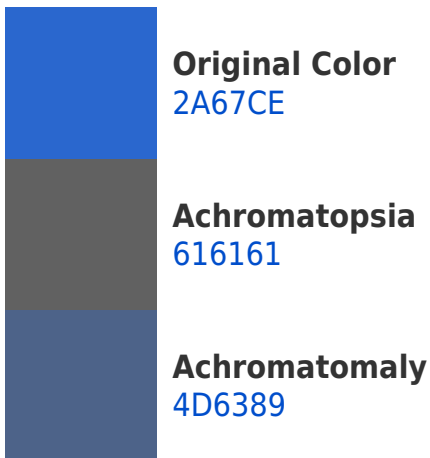


Tritanopia
00767E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A67CE 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 #2A67CE looks like.

```
.text, #text, p{  
    color:#2A67CE  
}
```

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 #2A67CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A67CE
}
```

Border

The CSS property to change the border of an element to Hex 2A67CE 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
#2A67CE }
```

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

```
.border{ border-color:#2A67CE }
```

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

Here you see how a box with a 4 pixel #2A67CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A67CE; -webkit-box-shadow:4px 4px  
4px 4px #2A67CE; box-shadow:4px 4px 4px  
4px #2A67CE }
```

Background

The CSS property to change the background color of an element to Hex 2A67CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A67CE }
```

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

```
.background{ background-color:#2A67CE }
```

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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