

Converting Colors

Hex(2A63CF)

Have a look what the booklet for
Hex(2A63CF) contains.

| | |
|------------------------------------------------|----|
| Hex(2A63CF) | 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(2A63CF)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2A63CF |
| RGB | 42, 99, 207 |
| RGB Percent | 16%, 39%, 81% |
| CMY | 0.8353, 0.6118, 0.1882 |
| CMYK | 0.80, 0.52, 0.00, 0.19 |
| HSL | 219°, 66%, 49% |
| HSV | 219°, 80%, 81% |
| XYZ | 16.6792, 13.9209, 60.8394 |
| YIQ | 94.2690, -68.6400, 21.5040 |

Conversions

Conversions Part 2

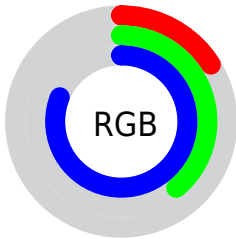
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 42, 84, 207 |
| Decimal | 2778063 |
| CIE Lab | 44.12, 20.79, -61.08 |
| CIE LCh | 44, 64.519, 288.802 |
| Yxy | 13.9209, 0.1824, 0.1522 |
| Android (android.graphics.Color) | 4280968143 (0xFF2A63CF) |
| YUV | 94.2690, 55.5764, -45.8399 |
| Hunter-Lab | 37.3107, 14.5018, -70.5616 |

Details

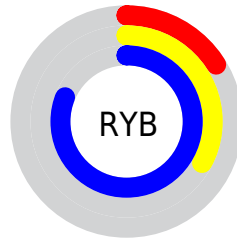
The Hex color **2A63CF** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **CF962A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7195FF**, and **003698** is the 20% darker color. If you saturate the color by 10%, you get **1555CF**, and if you desaturate by 10%, it is **3F71CF**.

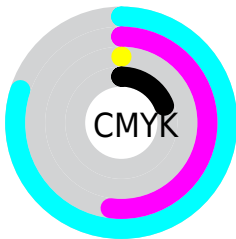
Distribution



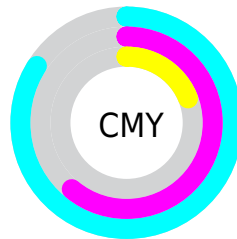
- Red (16%)
- Green (39%)
- Blue (81%)



- Red (16%)
- Yellow (33%)
- Blue (81%)



- Cyan (80%)
- Magenta (52%)
- Yellow (0%)
- Black (19%)



- Cyan (84%)
- Magenta (61%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A63CF 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 2A63CF by changing the saturation by 10% instead.

 2A63CF

 2A63CF

FFFFFF

 004CB3

 7195FF

 003698

 90B0FF

 00227D

 AFCBFF

 000E63

 CDE7FF

 00094B

 EBFFFF

 000433

 00021D

 000000

 2A63CF

 2A63CF

■ 1555CF

■ 3F71CF

■ 0148CF

■ 537ECF

■ 0048CF

■ 688CCF

■ 7D99CF

■ 92A7CF

■ A6B4CF

■ BBC2CF

■ D0CFCF

■ E4DDCF

Harmonies

Analogous

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



0075D2



2A63CF



9348B0

Triad

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



2A63CF



B34515



007E52

Complementary

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



2A63CF



CF962A

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.



027A17



2A63CF



8F5F00

Square

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



2A63CF



C52949



5F7000



00808A

Rectangle

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



2A63CF



B33390



5F7000



007D3F

Sweetspot

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



2A63CF



C2D7FF



2ACF95



5B6780



000000



808080

Same Dimension

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



2A63CF



0A5FFF



432ACF



5E6269



003AA8



000E29

Inverse Universe

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



CF2A63



FF0A5F



B6CF2A



695E62



A8003A



29000E

Previews

White Background



This preview shows how the Hex color 2A63CF looks on a white background.

Color Contrast Check

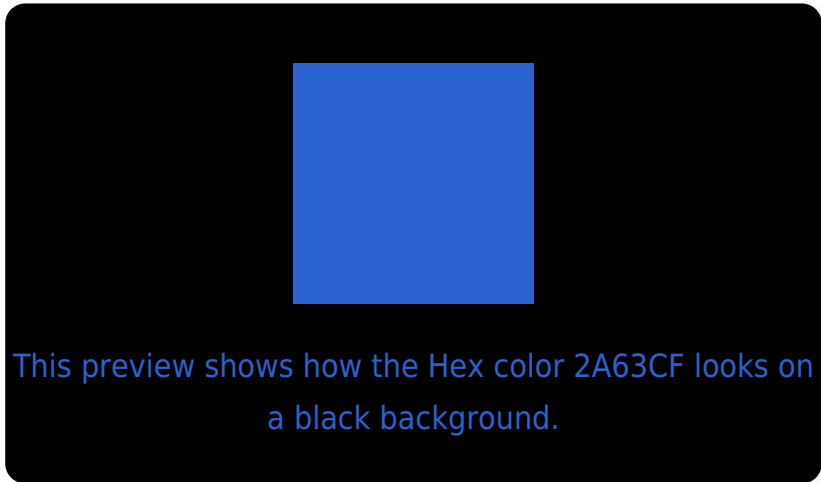
Large Text (above 18pt) WCAG AA ✓ Pass

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

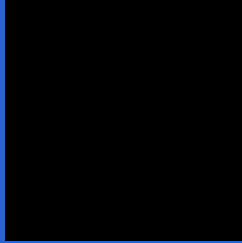
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

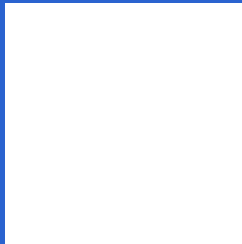
Any Text WCAG AAA × Fail

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

Hex 2A63CF Background



This preview shows how black text looks on a background with the Hex color 2A63CF.



This preview shows how white text looks on a background with the Hex color 2A63CF.

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](#).

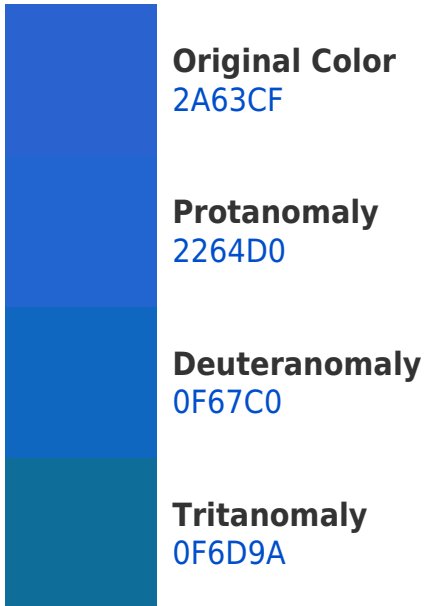
Dichromacy





Tritanopia
00737B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A63CF 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 #2A63CF looks like.

```
.text, #text, p{  
    color:#2A63CF  
}
```

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 #2A63CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A63CF
}
```

Border

The CSS property to change the border of an element to Hex 2A63CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

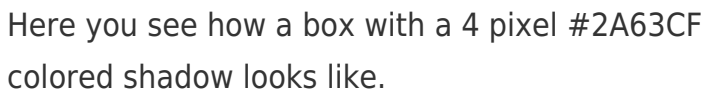
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A63CF }
```

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

```
.border{ border-color:#2A63CF }
```

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



Here you see how a box with a 4 pixel #2A63CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A63CF; -webkit-box-shadow:4px 4px  
4px 4px #2A63CF; box-shadow:4px 4px 4px  
4px #2A63CF }
```

Background

The CSS property to change the background color of an element to Hex 2A63CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A63CF }
```

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

```
.background{ background-color:#2A63CF }
```

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