

Converting Colors

Hex(2A52CC)

Have a look what the booklet for
Hex(2A52CC) contains.

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Color

Hex(2A52CC)

Conversions

Conversions Part 1

Format	Color
Hex	2A52CC
RGB	42, 82, 204
RGB Percent	16%, 32%, 80%
CMY	0.8353, 0.6784, 0.2000
CMYK	0.79, 0.60, 0.00, 0.20
HSL	225°, 66%, 48%
HSV	225°, 79%, 80%
XYZ	14.8712, 10.8865, 58.4442
YIQ	83.9480, -63.0020, 29.4620

Conversions

Conversions Part 2

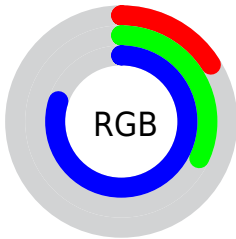
Format	Color
RYB	42, 74, 204
Decimal	2773708
CIELab	39.39, 30.68, -67.04
CIElCh	39, 73.729, 294.592
Yxy	10.8865, 0.1766, 0.1293
Android (android.graphics.Color)	4280963788 (0xFF2A52CC)
YUV	83.9480, 59.1856, -36.7884
Hunter-Lab	32.9946, 22.7123, -81.9256




Details

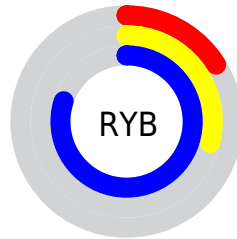
The Hex color **2A52CC** is a dark color, and the websafe version is hex **003399**. The color can be described as dark muted blue. A complement of this color would be **CCA42A**, and the grayscale version is **535353**.




A 20% lighter version of the original color is **7283FF**, and **002695** is the 20% darker color. If you saturate the color by 10%, you get **1643CC**, and if you desaturate by 10%, it is **3E61CC**.

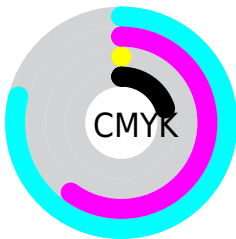
Distribution







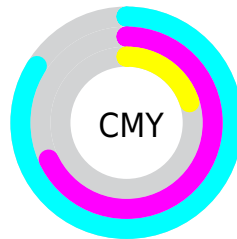
-  Red (16%)
-  Green (32%)
-  Blue (80%)






-  Red (16%)
-  Yellow (29%)
-  Blue (80%)



-  Cyan (79%)
-  Magenta (60%)
-  Yellow (0%)
-  Black (20%)



-  Cyan (84%)
-  Magenta (68%)
-  Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A52CC 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 2A52CC by changing the saturation by 10% instead.

■ 2A52CC

■ 2A52CC

FFFFFF

■ 003BB0

■ 7283FF

■ 002695

■ 919DFF

■ 00147A

■ AFB8FF

■ 000061

■ CDD3FF

■ 000848

■ ECF0FF

■ 000430

■ 00011A

■ 000000

■ 2A52CC

■ 2A52CC

■ 1643CC

■ 3E61CC

■ 0133CC

■ 5371CC

■ 0032CC

■ 6780CC

■ 7C8FCC

■ 909FCC

■ A4AECC

■ B9BECC

■ CDCDCC

■ E2DCCC

Harmonies

Analogous

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



0068D7



2A52CC



9729A4

Triad

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



2A52CC



A63800



007450

Complementary

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



2A52CC



CCA42A

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.



007004



2A52CC



7B5700

Square

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



2A52CC



BF0030



426800



00758E

Rectangle

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



2A52CC



B5007E



426800



00733A

Sweetspot

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



2A52CC



C2D1FF



2ACCA4



5B6480



000000



808080

Same Dimension

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



2A52CC



0D49FF



522ACC



5C5E66



0029A6



000926

Inverse Universe

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



CC2A52



FF0D49



A4CC2A



665C5E



A60029



260009

Previews

White Background



This preview shows how the Hex color 2A52CC looks on a white background.

Color Contrast Check

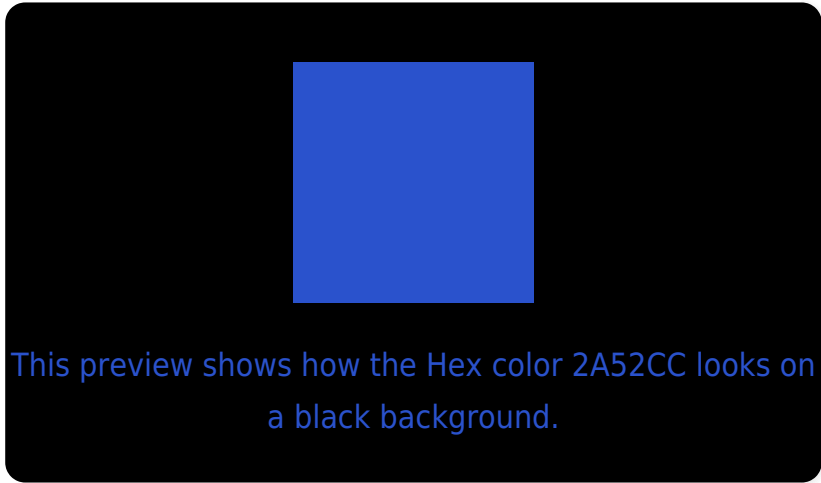
Large Text (above 18pt) WCAG AA ✓ Pass

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

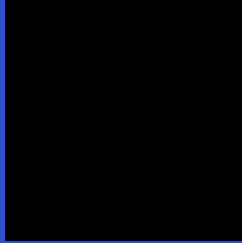
Any Text WCAG AA × Fail

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 2A52CC Background



This preview shows how black text looks on a background with the Hex color 2A52CC.

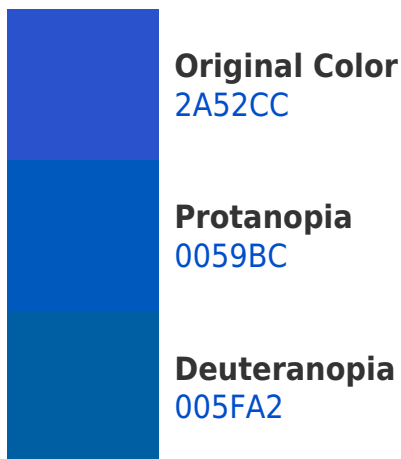


This preview shows how white text looks on a background with the Hex color 2A52CC.

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
00666D

Trichromacy



Original Color
2A52CC

Protanomaly
0F56C2

Deuteranomaly
0F5AB1

Tritanomaly
0F5F90

Monochromacy



Original Color
2A52CC

Achromatopsia
545454

Achromatomaly
455380

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A52CC 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 #2A52CC looks like.

```
.text, #text, p{  
    color:#2A52CC  
}
```

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 #2A52CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A52CC
}
```

Border

The CSS property to change the border of an element to Hex 2A52CC 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
#2A52CC }
```

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

```
.border{ border-color:#2A52CC }
```

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

Here you see how a box with a 4 pixel #2A52CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A52CC; -webkit-box-shadow:4px 4px  
4px 4px #2A52CC; box-shadow:4px 4px 4px  
4px #2A52CC }
```

Background

The CSS property to change the background color of an element to Hex 2A52CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A52CC }
```

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

```
.background{ background-color:#2A52CC }
```

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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