

Converting Colors

Hex(2A52BE)

Have a look what the booklet for
Hex(2A52BE) contains.

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Color

Hex(2A52BE)

Conversions

Conversions Part 1

Format	Color
Hex	2A52BE
RGB	42, 82, 190
RGB Percent	16%, 32%, 75%
CMY	0.8353, 0.6784, 0.2549
CMYK	0.78, 0.57, 0.00, 0.25
HSL	224°, 64%, 45%
HSV	224°, 78%, 75%
XYZ	13.2664, 10.2445, 49.9934
YIQ	82.3520, -58.5080, 25.1080

Conversions

Conversions Part 2

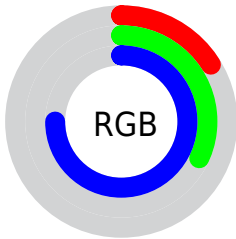
Format	Color
R _Y B	42, 73, 190
Decimal	2773694
CIE Lab	38.28, 25.41, -60.71
CIE LCh	38, 65.813, 292.709
Yxy	10.2445, 0.1805, 0.1394
Android (android.graphics.Color)	4280963774 (0xFF2A52BE)
YUV	82.3520, 53.0705, -35.3887
Hunter-Lab	32.0071, 17.9729, -70.2029




Details

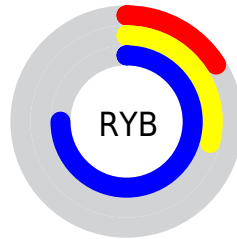
The Hex color **2A52BE** is a dark color, and the websafe version is hex **3366CC**, and the color name is **cerulean blue**. A complement of this color would be **BE962A**, and the grayscale version is **525252**.




A 20% lighter version of the original color is **6E83F7**, and **002788** is the 20% darker color. If you saturate the color by 10%, you get **1744BE**, and if you desaturate by 10%, it is **3D60BE**.

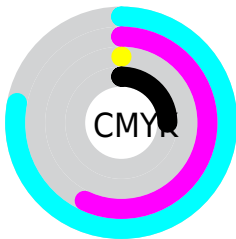
Distribution







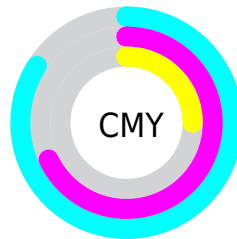
-  Red (16%)
-  Green (32%)
-  Blue (75%)






-  Red (16%)
-  Yellow (29%)
-  Blue (75%)



-  Cyan (78%)
-  Magenta (57%)
-  Yellow (0%)
-  Black (25%)



-  Cyan (84%)
-  Magenta (68%)
-  Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A52BE 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 2A52BE by changing the saturation by 10% instead.

■ 2A52BE

■ 2A52BE

FFFFFF

■ 003BA2

■ 6E83F7

■ 002788

■ 8C9DFF

■ 00146D

■ AAB8FF

■ 000054

■ C8D3FF

■ 00063C

■ E6EFFF

■ 000225

■ 00010E

■ 000000

■ 2A52BE

■ 2A52BE

■ 1744BE

■ 3D60BE

■ 0436BE

■ 506EBE

■ 0033BE

■ 637CBE

■ 7689BE

■ 8997BE

■ 9CA5BE

■ AFB3BE

■ C2C1BE

■ D5CFBE

Harmonies

Analogous

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



0065C5



2A52BE



8B339C

Triad

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



2A52BE



9E3900



006F4B

Complementary

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



2A52BE



BE962A

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.



006C0D



2A52BE



795300

Square

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



2A52BE



B31135



486300



007082

Rectangle

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



2A52BE



A7157B



486300



006F38

Sweetspot

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



2A52BE



BECEF7



2ABE94



5A637D



FCFCFC



7D7D7D

Same Dimension

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



2A52BE



114FF7



4A2ABE



55575E



002B9E



00081F

Inverse Universe

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



BE2A52



F7114F



9EBE2A



5E5557



9E002B



1F0008

Previews

White Background



This preview shows how the Hex color 2A52BE looks on a white background.

Color Contrast Check

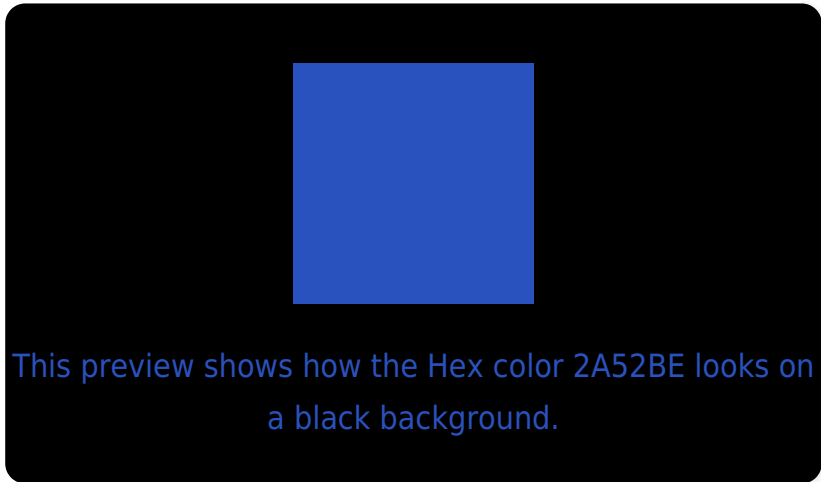
Large Text (above 18pt) WCAG AA ✓ Pass

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

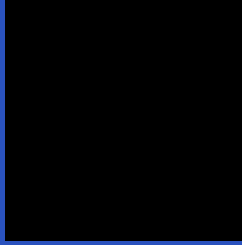
Any Text WCAG AA × Fail

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 2A52BE Background



This preview shows how black text looks on a background with the Hex color 2A52BE.



This preview shows how white text looks on a background with the Hex color 2A52BE.

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



Original Color
2A52BE

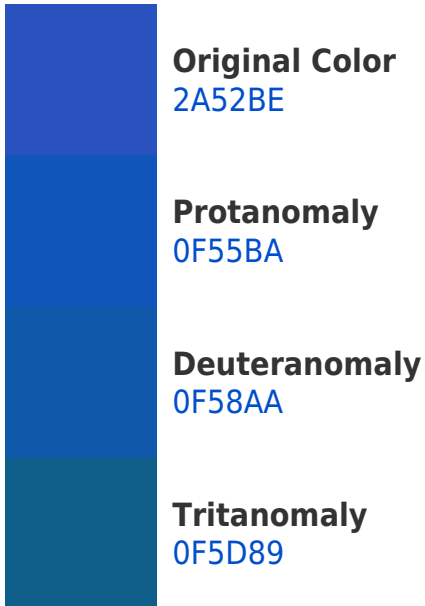
Protanopia
0056B7

Deuteranopia
005C9E



Tritanopia
00646A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A52BE 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 #2A52BE looks like.

```
.text, #text, p{  
    color:#2A52BE  
}
```

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 #2A52BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A52BE
}
```

Border

The CSS property to change the border of an element to Hex 2A52BE 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
#2A52BE }
```

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

```
.border{ border-color:#2A52BE }
```

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

Here you see how a box with a 4 pixel #2A52BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A52BE; -webkit-box-shadow:4px 4px  
4px 4px #2A52BE; box-shadow:4px 4px 4px  
4px #2A52BE }
```

Background

The CSS property to change the background color of an element to Hex 2A52BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A52BE }
```

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

```
.background{ background-color:#2A52BE }
```

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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