

Converting Colors

Hex(2C46BA)

Have a look what the booklet for
Hex(2C46BA) contains.

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Color

Hex(2C46BA)

Conversions

Conversions Part 1

Format	Color
Hex	2C46BA
RGB	44, 70, 186
RGB Percent	17%, 27%, 73%
CMY	0.8275, 0.7255, 0.2706
CMYK	0.76, 0.62, 0.00, 0.27
HSL	229°, 62%, 45%
HSV	229°, 76%, 73%
XYZ	12.0918, 8.4610, 47.4502
YIQ	75.4500, -52.7320, 30.5640

Conversions

Conversions Part 2

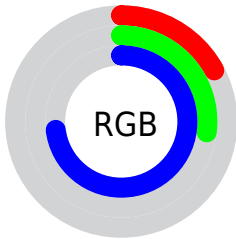
Format	Color
R_{YB}	44, 66, 186
Decimal	2901690
CIE _{Lab}	34.93, 31.97, -63.83
CIE _{LCh}	35, 71.387, 296.602
Yxy	8.4610, 0.1778, 0.1244
Android (android.graphics.Color)	4281091770 (0xFF2C46BA)
YUV	75.4500, 54.5012, -27.5816
Hunter-Lab	29.0877, 23.2991, -76.3571

Details

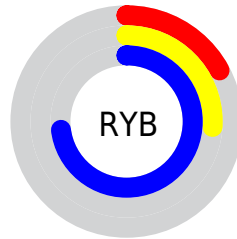
The Hex color **2C46BA** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **BAA02C**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **6F76F3**, and **001C84** is the 20% darker color. If you saturate the color by 10%, you get **1937BA**, and if you desaturate by 10%, it is **3F55BA**.

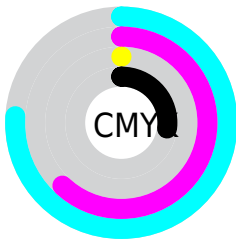
Distribution



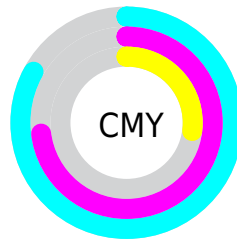
- Red (17%)
- Green (27%)
- Blue (73%)



- Red (17%)
- Yellow (26%)
- Blue (73%)



- Cyan (76%)
- Magenta (62%)
- Yellow (0%)
- Black (27%)



- Cyan (83%)
- Magenta (73%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C46BA 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 2C46BA by changing the saturation by 10% instead.



2C46BA



2C46BA

FFFFFF



00309E



6F76F3



001C84



8D90FF



00086A



ABAAFF



000351



C9C5FF



000539



E7E1FF



000222

FFFEFF



000008



000000



2C46BA



2C46BA

■ 1937BA

■ 3F55BA

■ 0728BA

■ 5164BA

■ 0022BA

■ 6474BA

■ 7683BA

■ 8992BA

■ 9CA1BA

■ AEB0BA

■ C1C0BA

■ D3CFBA

Harmonies

Analogous

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



005CC6



2C46BA



8D1A92

Triad

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



2C46BA



943100



00684A

Complementary

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



2C46BA



BAA02C

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.



006503



2C46BA



6B4E00

Square

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



2C46BA



AD0024



325D00



006984

Rectangle

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



2C46BA



A7006E



325D00



006735

Sweetspot

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



2C46BA



BBC5F2



2CBAA0



585E7A



FAFAFA



7A7A7A

Same Dimension

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



2C46BA



133CF2



592CBA



53545C



001C9C



00051C

Inverse Universe

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



BA2C46



F2133C



8DBA2C



5C5354



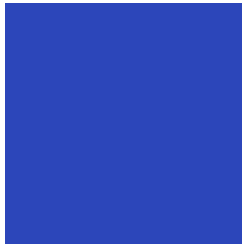
9C001C



1C0005

Previews

White Background



This preview shows how the Hex color 2C46BA looks on a white background.

Color Contrast Check

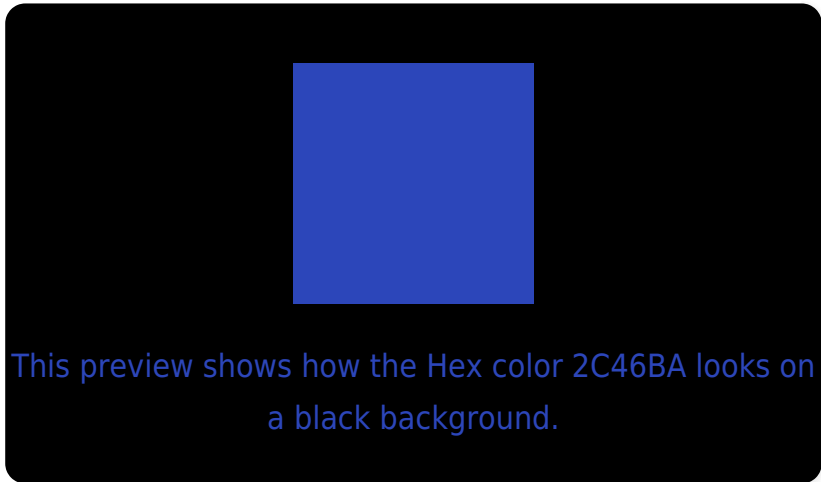
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

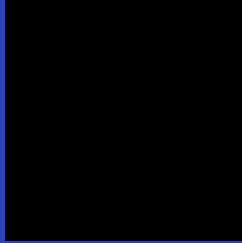
Any Text WCAG AA × Fail

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 2C46BA Background



This preview shows how black text looks on a background with the Hex color 2C46BA.



This preview shows how white text looks on a background with the Hex color 2C46BA.

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
2C46BA

Protanopia
004FA7

Deuteranopia
00548F



Tritanopia
005B61

Trichromacy



Original Color
2C46BA

Protanomaly
104CAE

Deuteranomaly
104F9F

Tritanomaly
105381

Monochromacy



Original Color
2C46BA

Achromatopsia
4B4B4B

Achromatomaly
404973

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C46BA 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 #2C46BA looks like.

```
.text, #text, p{  
    color:#2C46BA  
}
```

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 #2C46BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C46BA
}
```

Border

The CSS property to change the border of an element to Hex 2C46BA 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
#2C46BA }
```

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

```
.border{ border-color:#2C46BA }
```

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

Here you see how a box with a 4 pixel #2C46BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C46BA; -webkit-box-shadow:4px 4px  
4px 4px #2C46BA; box-shadow:4px 4px 4px  
4px #2C46BA }
```

Background

The CSS property to change the background color of an element to Hex 2C46BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C46BA }
```

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

```
.background{ background-color:#2C46BA }
```

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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