

Converting Colors

Hex(2C46A5)

Have a look what the booklet for
Hex(2C46A5) contains.

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Color

Hex(2C46A5)

Conversions

Conversions Part 1

Format	Color
Hex	2C46A5
RGB	44, 70, 165
RGB Percent	17%, 27%, 65%
CMY	0.8275, 0.7255, 0.3529
CMYK	0.73, 0.58, 0.00, 0.35
HSL	227°, 58%, 41%
HSV	227°, 73%, 65%
XYZ	10.0204, 7.6324, 36.5424
YIQ	73.0560, -45.9910, 24.0330

Conversions

Conversions Part 2

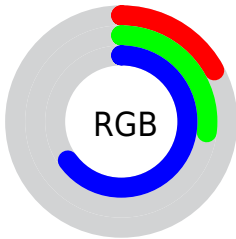
Format	Color
R_{YB}	44, 65, 165
Decimal	2901669
CIE _{Lab}	33.21, 24.11, -54.15
CIE _{LCh}	33, 59.276, 294.002
Yxy	7.6324, 0.1849, 0.1408
Android (android.graphics.Color)	4281091749 (0xFF2C46A5)
YUV	73.0560, 45.3284, -25.4821
Hunter-Lab	27.6268, 16.3960, -59.0850

Details

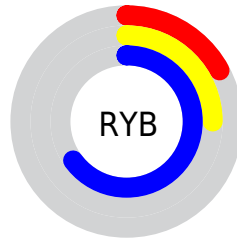
The Hex color **2C46A5** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A58B2C**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **6A76DD**, and **001C70** is the 20% darker color. If you saturate the color by 10%, you get **1B39A5**, and if you desaturate by 10%, it is **3C53A5**.

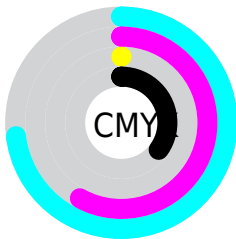
Distribution



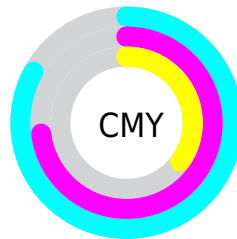
- Red (17%)
- Green (27%)
- Blue (65%)



- Red (17%)
- Yellow (25%)
- Blue (65%)



- Cyan (73%)
- Magenta (58%)
- Yellow (0%)
- Black (35%)



- Cyan (83%)
- Magenta (73%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C46A5 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 2C46A5 by changing the saturation by 10% instead.

■ 2C46A5

■ 2C46A5

FFFFFF

■ 00308A

■ 6A76DD

■ 001C70

■ 878FFA

■ 000557

■ A4AAFF

■ 00063F

■ C1C5FF

■ 000328

■ DFE1FF

■ 000112

■ FDFEFF

■ 000000

■ 2C46A5

■ 2C46A5

■ 1B39A5

■ 3C53A5

0B2CA5

4D60A5

0023A5

5D6DA5

6E7AA5

7E87A5

8F94A5

9FA1A5

B0AEA5

C0BBA5

Harmonies

Analogous

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



0057AD



2C46A5



7B2A86

Triad

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



2C46A5



893300



006143

Complementary

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



2C46A5



A58B2C

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.



005E0E



2C46A5



684900

Square

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



2C46A5



9C112B



3C5700



006273

Rectangle

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



2C46A5



931169



3C5700



006032

Sweetspot

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



2C46A5



A7B1D6



2CA58B



4F556B



EBEBEB



6B6B6B

Same Dimension

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



2C46A5



1A42D6



4E2CA5



494B52



001F91



000412

Inverse Universe

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



A52C46



D61A42



83A52C



52494B



91001F



120004

Previews

White Background



This preview shows how the Hex color 2C46A5 looks on a white background.

Color Contrast Check

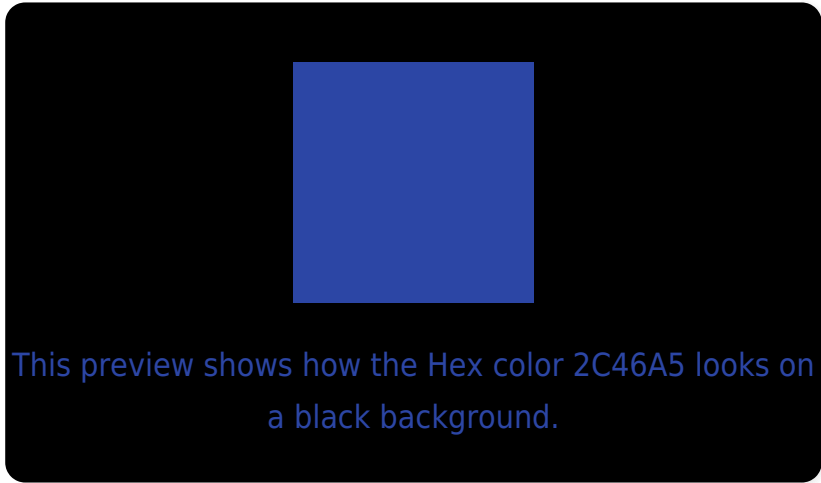
Large Text (above 18pt) WCAG AA ✓ Pass

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

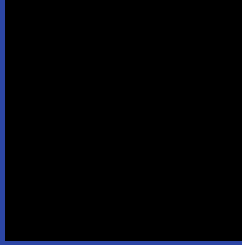
Any Text WCAG AA × Fail

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 2C46A5 Background



This preview shows how black text looks on a background with the Hex color 2C46A5.



This preview shows how white text looks on a background with the Hex color 2C46A5.

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
2C46A5

Protanopia
004B9F

Deuteranopia
005089



Tritanopia
00565D

Trichromacy



Original Color
2C46A5

Protanomaly
1049A1

Deuteranomaly
104C93

Tritanomaly
105077

Monochromacy



Original Color
2C46A5

Achromatopsia
494949

Achromatomaly
3E486A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C46A5 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 #2C46A5 looks like.

```
.text, #text, p{  
    color:#2C46A5  
}
```

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 #2C46A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C46A5
}
```

Border

The CSS property to change the border of an element to Hex 2C46A5 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
#2C46A5 }
```

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

```
.border{ border-color:#2C46A5 }
```

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

Here you see how a box with a 4 pixel #2C46A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C46A5; -webkit-box-shadow:4px 4px  
4px 4px #2C46A5; box-shadow:4px 4px 4px  
4px #2C46A5 }
```

Background

The CSS property to change the background color of an element to Hex 2C46A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C46A5 }
```

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

```
.background{ background-color:#2C46A5 }
```

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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