

# Converting Colors

Hex(2C2CAA)

Have a look what the booklet for  
Hex(2C2CAA) contains.

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# Color

Hex(2C2CAA)

# Conversions

## Conversions Part 1

Format	Color
Hex	2C2CAA
RGB	44, 44, 170
RGB Percent	17%, 17%, 67%
CMY	0.8275, 0.8275, 0.3333
CMYK	0.74, 0.74, 0.00, 0.33
HSL	240°, 59%, 42%
HSV	240°, 74%, 67%
XYZ	9.1951, 5.2391, 38.5568
YIQ	58.3640, -40.4460, 39.1860

# Conversions

## Conversions Part 2

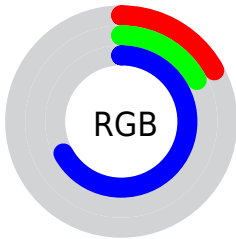
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 44, 170
Decimal	2895018
CIE <sub>Lab</sub>	27.41, 42.44, -66.66
CIE <sub>LCh</sub>	27, 79.022, 302.483
Yxy	5.2391, 0.1735, 0.0989
Android (android.graphics.Color)	4281085098 (0xFF2C2CAA)
YUV	58.3640, 55.0365, -12.5972
Hunter-Lab	22.8891, 31.6516, -83.8519

# Details

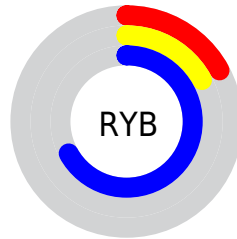
The Hex color **2C2CAA** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **AAAA2C**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **6E5BE2**, and **000274** is the 20% darker color. If you saturate the color by 10%, you get **1B1BAA**, and if you desaturate by 10%, it is **3D3DAA**.

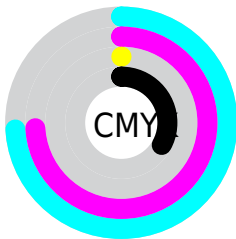
# Distribution



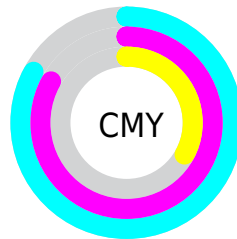
- Red (17%)
- Green (17%)
- Blue (67%)



- Red (17%)
- Yellow (17%)
- Blue (67%)



- Cyan (74%)
- Magenta (74%)
- Yellow (0%)
- Black (33%)



- Cyan (83%)
- Magenta (83%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C2CAA 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 2C2CAA by changing the saturation by 10% instead.





2C2CAA



2C2CAA

FFFFFF



00168F



6E5BE2



000274



8B74FF



00005B



A98EFF



000742



C7A9FF



00032B



E5C4FF



000115



FFE1FF



000000



FFFDFF



2C2CAA



2C2CAA

■ 1B1BAA

■ 3D3DAA

■ 0A0AAA

■ 4E4EAA

■ 0000AA

■ 5F5FAA

■ 7070AA

■ 8181AA

■ 9292AA

■ A3A3AA

■ B4B4AA

■ C5C5AA

# Harmonies

## Analogous

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



004ABE



2C2CAA



88007A

# Triad

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



2C2CAA



7A2200



005545

# Complementary

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



2C2CAA



AAAA2C

# 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.



005300



2C2CAA



4C4100

# Square

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



2C2CAA



990000



004E00



005782

# Rectangle

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



2C2CAA



9D0053



004E00



00552F



# Sweetspot

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



2C2CAA



ADADDE



2CAAAA



535370



F0F0F0



707070



# Same Dimension

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



2C2CAA



1818DE



6B2CAA



4C4C54



000094



000014



# Inverse Universe

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



AA2CAA



DE18DE



6BAA2C



544C54



940094

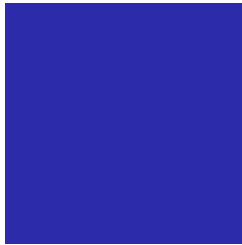


140014



# Previews

## White Background



This preview shows how the Hex color 2C2CAA looks on a white background.

## Color Contrast Check

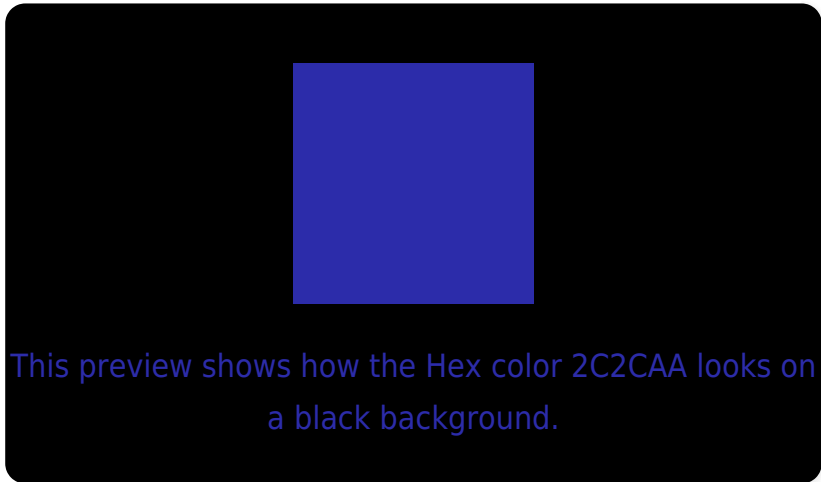
Large Text (above 18pt) WCAG AA ✓ Pass

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

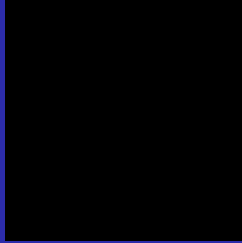
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2C2CAA Background



This preview shows how black text looks on a background with the Hex color 2C2CAA.




This preview shows how white text looks on a background with the Hex color 2C2CAA.

# 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**  
00484C

# Trichromacy



**Original Color**  
2C2CAA

**Protanomaly**  
103892

**Deuteranomaly**  
103B85

**Tritanomaly**  
103E6E

# Monochromacy



**Original Color**  
2C2CAA

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
353563

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C2CAA 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 #2C2CAA looks like.

```
.text, #text, p{  
    color:#2C2CAA  
}
```

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 #2C2CAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2CAA
}
```

## Border

The CSS property to change the border of an element to Hex 2C2CAA 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
#2C2CAA }
```

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

```
.border{ border-color:#2C2CAA }
```

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

Here you see how a box with a 4 pixel #2C2CAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2CAA; -webkit-box-shadow:4px 4px  
4px 4px #2C2CAA; box-shadow:4px 4px 4px  
4px #2C2CAA }
```

# Background

The CSS property to change the background color of an element to Hex 2C2CAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2CAA }
```

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

```
.background{ background-color:#2C2CAA }
```

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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