

Converting Colors

Hex(2C0BAA)

Have a look what the booklet for
Hex(2C0BAA) contains.

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Color

Hex(2C0BAA)

Conversions

Conversions Part 1

Format	Color
Hex	2C0BAA
RGB	44, 11, 170
RGB Percent	17%, 4%, 67%
CMY	0.8275, 0.9569, 0.3333
CMYK	0.74, 0.94, 0.00, 0.33
HSL	252°, 88%, 35%
HSV	252°, 94%, 67%
XYZ	8.4141, 3.6771, 38.2965
YIQ	38.9930, -31.3710, 56.4450

Conversions

Conversions Part 2

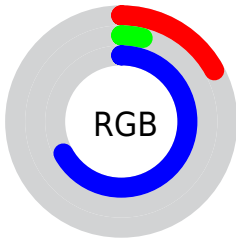
Format	Color
R_{YB}	44, 11, 170
Decimal	2886570
CIE _{Lab}	22.57, 56.57, -74.67
CIE _{LCh}	23, 93.681, 307.149
Yxy	3.6771, 0.1670, 0.0730
Android (android.graphics.Color)	4281076650 (0xFF2C0BAA)
YUV	38.9930, 64.5865, 4.3911
Hunter-Lab	19.1758, 44.7659, -104.9868

Details

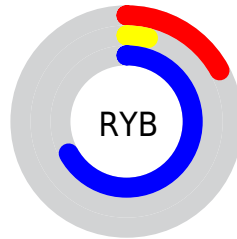
The Hex color **2C0BAA** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **89AA0B**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **7042E3**, and **000074** is the 20% darker color. If you saturate the color by 10%, you get **2300AA**, and if you desaturate by 10%, it is **391CAA**.

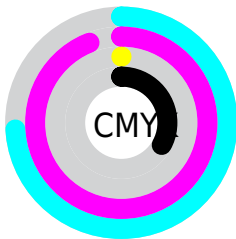
Distribution



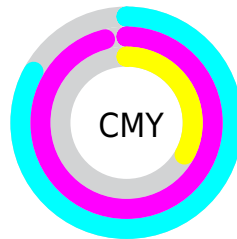
- Red (17%)
- Green (4%)
- Blue (67%)



- Red (17%)
- Yellow (4%)
- Blue (67%)



- Cyan (74%)
- Magenta (94%)
- Yellow (0%)
- Black (33%)



- Cyan (83%)
- Magenta (96%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C0BAA 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 2C0BAA by changing the saturation by 10% instead.

■ 2C0BAA

■ 2C0BAA

FFFFFF

■ 00008F

■ 7042E3

■ 000074

■ 8E5CFF

■ 00005A

■ AC76FF

■ 000742

■ CA90FF

■ 00032B

■ E9ACFF

■ 000115

■ FFC8FF

■ 000000

■ FFE4FF

■ 2C0BAA

■ 2C0BAA

■ 2300AA

■ 391CAA

■ 472DAA

■ 543EAA

■ 624FAA

■ 6F60AA

■ 7D71AA

■ 8A82AA

■ 9893AA

■ A5A4AA

Harmonies

Analogous

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



003FC8



2C0BAA



8D006E

Triad

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



2C0BAA



6C1500



004B46

Complementary

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



2C0BAA



89AA0B

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.



004900



2C0BAA



343A00

Square

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



2C0BAA



920000



004500



004D8C

Rectangle

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



2C0BAA



A00040



004500



004B2D

Sweetspot

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



2C0BAA



ADA0DE



0B8AAA



524A70



F0F0F0



707070

Same Dimension

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



2C0BAA



2E00DE



7A0BAA



4D4C54



1F0094



040014

Inverse Universe

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



AA0B89



DE00B0



3BAA0B



544C52



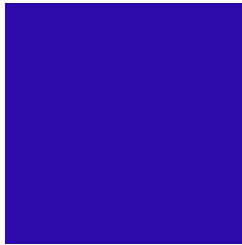
940075



140010

Previews

White Background



This preview shows how the Hex color 2C0BAA looks on a white background.

Color Contrast Check

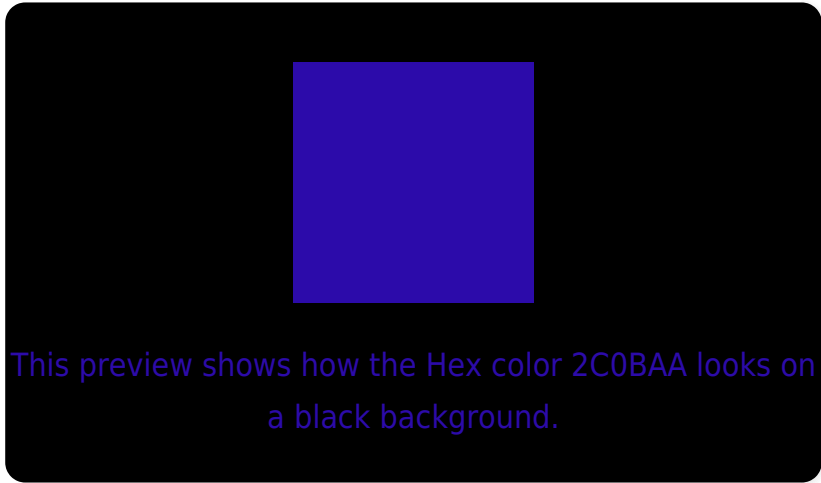
Large Text (above 18pt) WCAG AA ✓ Pass

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

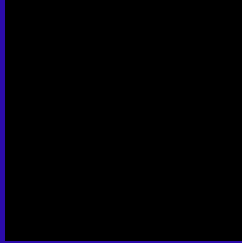
Any Text WCAG AA × Fail

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 2C0BAA Background



This preview shows how black text looks on a background with the Hex color 2C0BAA.



This preview shows how white text looks on a background with the Hex color 2C0BAA.

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
2C0BAA

Protanopia
003670

Deuteranopia
00395F



Tritanopia
003E41

Trichromacy



Original Color

2C0BAA

Protanomaly

102685

Deuteranomaly

10287A

Tritanomaly

102B67

Monochromacy



Original Color

2C0BAA

Achromatopsia

272727

Achromatomaly

291D57

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C0BAA 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 #2C0BAA looks like.

```
.text, #text, p{  
    color:#2C0BAA  
}
```

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 #2C0BAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C0BAA
}
```

Border

The CSS property to change the border of an element to Hex 2C0BAA 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
#2C0BAA }
```

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

```
.border{ border-color:#2C0BAA }
```

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

Here you see how a box with a 4 pixel #2C0BAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C0BAA; -webkit-box-shadow:4px 4px  
4px 4px #2C0BAA; box-shadow:4px 4px 4px  
4px #2C0BAA }
```

Background

The CSS property to change the background color of an element to Hex 2C0BAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C0BAA }
```

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

```
.background{ background-color:#2C0BAA }
```

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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