

# Converting Colors

Hex(2B0C8E)

Have a look what the booklet for  
Hex(2B0C8E) contains.

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# Color

Hex(2B0C8E)

# Conversions

## Conversions Part 1

Format	Color
Hex	2B0C8E
RGB	43, 12, 142
RGB Percent	17%, 5%, 56%
CMY	0.8314, 0.9529, 0.4431
CMYK	0.70, 0.92, 0.00, 0.44
HSL	254°, 84%, 30%
HSV	254°, 92%, 56%
XYZ	6.0102, 2.7295, 25.8013
YIQ	36.0890, -23.2540, 47.0020

# Conversions

## Conversions Part 2

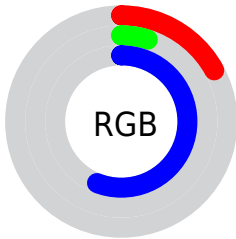
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 12, 142
Decimal	2821262
CIE <sub>Lab</sub>	18.93, 48.65, -63.54
CIE <sub>LCh</sub>	19, 80.032, 307.440
Yxy	2.7295, 0.1740, 0.0790
Android (android.graphics.Color)	4281011342 (0xFF2B0C8E)
YUV	36.0890, 52.2141, 6.0609
Hunter-Lab	16.5213, 36.0236, -81.0282

# Details

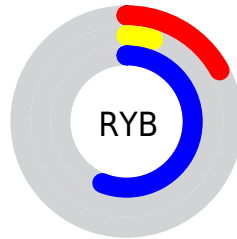
The Hex color **2B0C8E** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **6F8E0C**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **693FC5**, and **00005A** is the 20% darker color. If you saturate the color by 10%, you get **22008E**, and if you desaturate by 10%, it is **361A8E**.

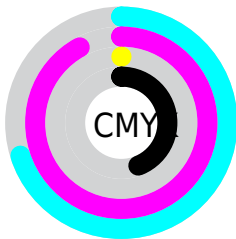
# Distribution



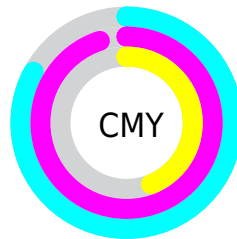
- Red (17%)
- Green (5%)
- Blue (56%)



- Red (17%)
- Yellow (5%)
- Blue (56%)



- Cyan (70%)
- Magenta (92%)
- Yellow (0%)
- Black (44%)



- Cyan (83%)
- Magenta (95%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B0C8E 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 2B0C8E by changing the saturation by 10% instead.



 2B0C8E

 2B0C8E

 FFFCFF

 000074

 693FC5

 00005A

 8658E1

 000642

 A372FF

 00032B

 C08CFF

 000115

 DDA7FF

 000000

 FBC3FF

 FFDFFF

 2B0C8E

 2B0C8E

■ 22008E

■ 361A8E

■ 41288E

■ 4B378E

■ 56458E

■ 61538E

■ 6C618E

■ 776F8E

■ 827E8E

■ 8C8C8E

# Harmonies

## Analogous

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



0035A7



2B0C8E



77005C

# Triad

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



2B0C8E



5B1500



00413C

# Complementary

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



2B0C8E



6F8E0C

# 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.



003F00



2B0C8E



2D3100

# Square

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



2B0C8E



7C0000



003B00



004276

# Rectangle

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



2B0C8E



870036



003B00



004027



# Sweetspot

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



2B0C8E



9286B8



0C708E



453E5C



DBDBDB



5C5C5C



# Same Dimension

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



2B0C8E



2C00B8



6B0C8E



424047



200087



020008



# Inverse Universe

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



8E0C6F



B8008C



2F8E0C



474046



870067

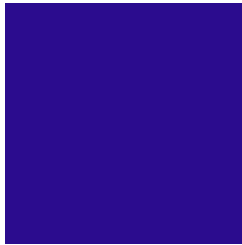


080006



# Previews

## White Background



This preview shows how the Hex color 2B0C8E looks on a white background.

## Color Contrast Check

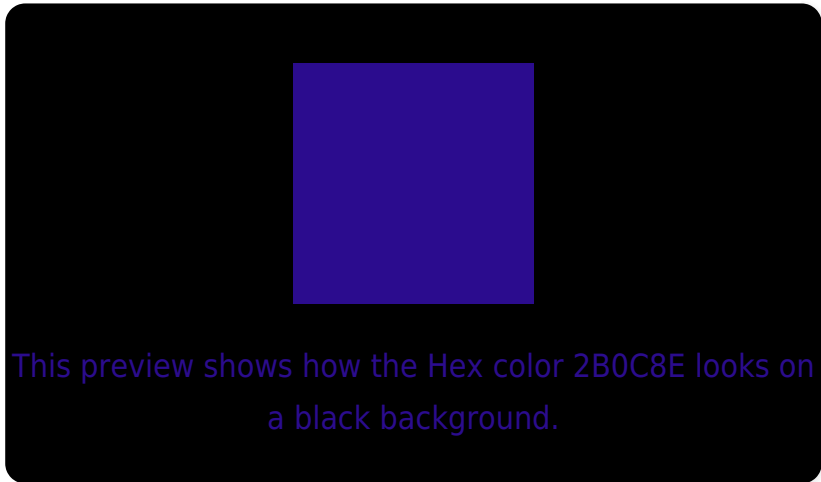
Large Text (above 18pt) WCAG AA ✓ Pass

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

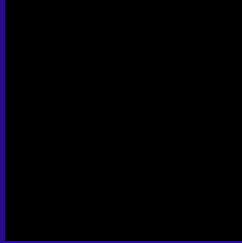
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2B0C8E Background



This preview shows how black text looks on a background with the Hex color 2B0C8E.



This preview shows how white text looks on a background with the Hex color 2B0C8E.

# 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**  
2B0C8E

**Protanopia**  
002E61

**Deuteranopia**  
003152



# Trichromacy



**Original Color**  
2B0C8E

**Protanomaly**  
102271

**Deuteranomaly**  
102468

**Tritanomaly**  
102657

# Monochromacy



**Original Color**  
2B0C8E

**Achromatopsia**  
242424

**Achromatomaly**  
271B4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B0C8E 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 #2B0C8E looks like.

```
.text, #text, p{  
    color:#2B0C8E  
}
```

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 #2B0C8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B0C8E
}
```

## Border

The CSS property to change the border of an element to Hex 2B0C8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

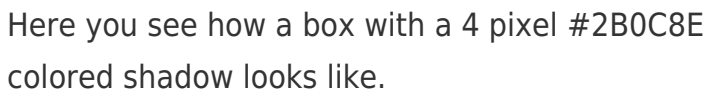
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B0C8E }
```

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

```
.border{ border-color:#2B0C8E }
```

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



Here you see how a box with a 4 pixel #2B0C8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B0C8E; -webkit-box-shadow:4px 4px  
4px 4px #2B0C8E; box-shadow:4px 4px 4px  
4px #2B0C8E }
```

# Background

The CSS property to change the background color of an element to Hex 2B0C8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B0C8E }
```

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

```
.background{ background-color:#2B0C8E }
```

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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