

Converting Colors

Hex(2A0B85)

Have a look what the booklet for
Hex(2A0B85) contains.

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Color

Hex(2A0B85)

Conversions

Conversions Part 1

Format	Color
Hex	2A0B85
RGB	42, 11, 133
RGB Percent	16%, 4%, 52%
CMY	0.8353, 0.9569, 0.4784
CMYK	0.68, 0.92, 0.00, 0.48
HSL	255°, 85%, 28%
HSV	255°, 92%, 52%
XYZ	5.3082, 2.4250, 22.3786
YIQ	34.1770, -20.6860, 44.5140

Conversions

Conversions Part 2

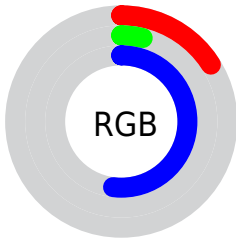
Format	Color
R_{YB}	42, 11, 133
Decimal	2755461
CIE _{Lab}	17.58, 46.39, -60.14
CIE _{LCh}	18, 75.955, 307.649
Yxy	2.4250, 0.1763, 0.0805
Android (android.graphics.Color)	4280945541 (0xFF2A0B85)
YUV	34.1770, 48.7197, 6.8608
Hunter-Lab	15.5725, 33.5927, -74.3023




Details

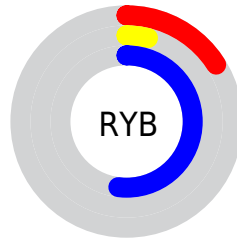
The Hex color **2A0B85** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **66850B**, and the grayscale version is **222222**.




A 20% lighter version of the original color is **663EBB**, and **000052** is the 20% darker color. If you saturate the color by 10%, you get **220085**, and if you desaturate by 10%, it is **341885**.

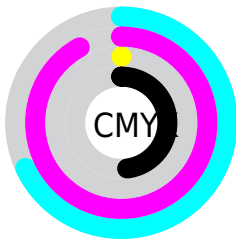
Distribution







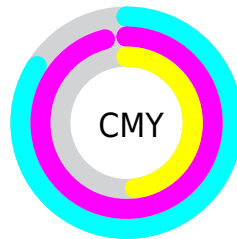
-  Red (16%)
-  Green (4%)
-  Blue (52%)






-  Red (16%)
-  Yellow (4%)
-  Blue (52%)



-  Cyan (68%)
-  Magenta (92%)
-  Yellow (0%)
-  Black (48%)



-  Cyan (84%)
-  Magenta (96%)
-  Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A0B85 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 2A0B85 by changing the saturation by 10% instead.

 2A0B85

 2A0B85

 FFFAFF

 00006B

 663EBB

 000052

 8356D8

 00053A

 9F70F5

 000223

 BC8AFF

 00000A

 D9A5FF

 000000

 F7C1FF

 FFDDFF

 2A0B85

 2A0B85

■ 220085

■ 341885

■ 3E2685

■ 483385

■ 524085

■ 5C4E85

■ 665B85

■ 6F6885

■ 797585

■ 838385

Harmonies

Analogous

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



00329D



2A0B85



700056

Triad

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



2A0B85



551400



003D39

Complementary

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



2A0B85



66850B

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.



003B00



2A0B85



2A2E00

Square

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



2A0B85



740000



003700



003E6F

Rectangle

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



2A0B85



7F0032



003700



003D25

Sweetspot

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



2A0B85



897DAD



0B6785



413957



D6D6D6



575757

Same Dimension

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



2A0B85



2C00AD



670B85



3D3C42



210082



010003

Inverse Universe

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



850B66



AD0081



2A850B



423C41



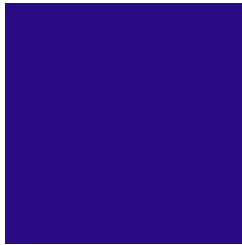
820061



030002

Previews

White Background



This preview shows how the Hex color 2A0B85 looks on a white background.

Color Contrast Check

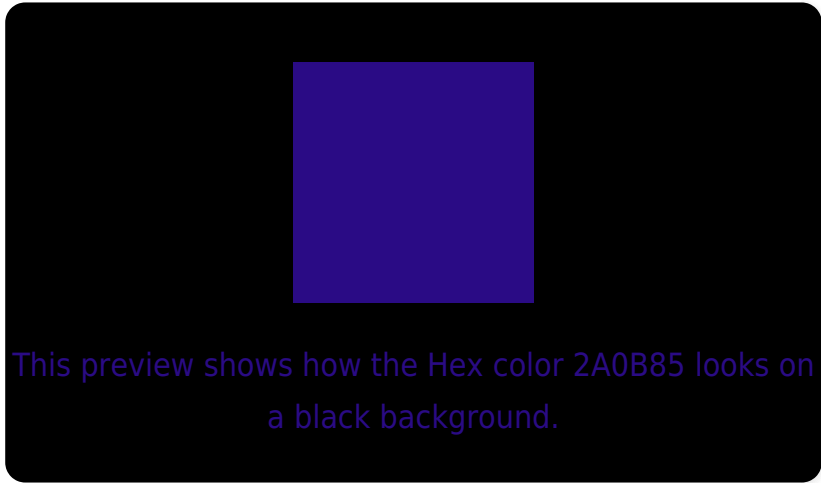
Large Text (above 18pt) WCAG AA ✓ Pass

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

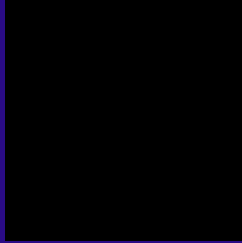
Any Text WCAG AA × Fail

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 2A0B85 Background



This preview shows how black text looks on a background with the Hex color 2A0B85.



This preview shows how white text looks on a background with the Hex color 2A0B85.

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
2A0B85

Protanopia
002C5B

Deuteranopia
002F4E

Trichromacy



Original Color

2A0B85

Protanomaly

0F206A

Deuteranomaly

0F2262

Tritanomaly

0F2452

Monochromacy



Original Color

2A0B85

Achromatopsia

222222

Achromatomaly

251A46

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A0B85 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 #2A0B85 looks like.

```
.text, #text, p{  
  color:#2A0B85  
}
```

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 #2A0B85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A0B85
}
```

Border

The CSS property to change the border of an element to Hex 2A0B85 is called "border". The border property can be set on classes, ids or directly on the HTML element.

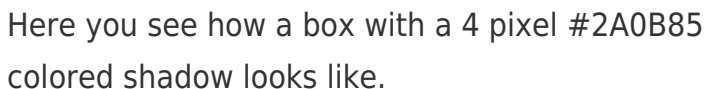
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A0B85 }
```

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

```
.border{ border-color:#2A0B85 }
```

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



Here you see how a box with a 4 pixel #2A0B85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A0B85; -webkit-box-shadow:4px 4px  
4px 4px #2A0B85; box-shadow:4px 4px 4px  
4px #2A0B85 }
```

Background

The CSS property to change the background color of an element to Hex 2A0B85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A0B85 }
```

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

```
.background{ background-color:#2A0B85 }
```

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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