

Converting Colors

Hex(2A0B86)

Have a look what the booklet for
Hex(2A0B86) contains.

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Color

Hex(2A0B86)

Conversions

Conversions Part 1	
Format	Color
Hex	2A0B86
RGB	42, 11, 134
RGB Percent	16%, 4%, 53%
CMY	0.8353, 0.9569, 0.4745
CMYK	0.69, 0.92, 0.00, 0.47
HSL	255°, 85%, 28%
HSV	255°, 92%, 53%
XYZ	5.3776, 2.4528, 22.7443
YIQ	34.2910, -21.0070, 44.8250

Conversions

Conversions Part 2

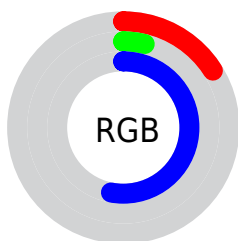
Format	Color
RYB	42, 11, 134
Decimal	2755462
CIELab	17.70, 46.67, -60.56
CIELCh	18, 76.457, 307.623
Yxy	2.4528, 0.1759, 0.0802
Android (android.graphics.Color)	4280945542 (0xFF2A0B86)
YUV	34.2910, 49.1565, 6.7608
Hunter-Lab	15.6615, 33.8830, -75.1405

Details

The Hex color **2A0B86** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **67860B**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **663EBC**, and **000053** is the 20% darker color. If you saturate the color by 10%, you get **220086**, and if you desaturate by 10%, it is **341886**.

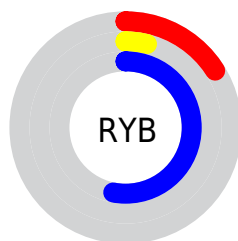
Distribution



Red (16%)

Green (4%)

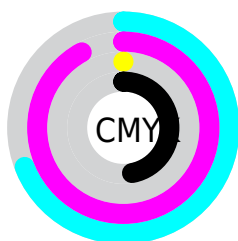
Blue (53%)



Red (16%)

Yellow (4%)

Blue (53%)

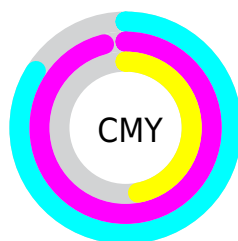


Cyan (69%)

Magenta (92%)

Yellow (0%)

Black (47%)



Cyan (84%)

Magenta (96%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A0B86 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 2A0B86 by changing the saturation by 10% instead.

 2A0B86

 2A0B86

 FFFAFF

 00006C

 663EBC

 000053

 8357D9

 00063B

 A070F6

 000224

 BC8AFF

 00000C

 DAA5FF

 000000

 F8C1FF

 FFDDFF

 2A0B86

 2A0B86

■ 220086

■ 341886

■ 3E2686

■ 483386

■ 524186

■ 5C4E86

■ 665B86

■ 706986

■ 7A7686

■ 848486

Harmonies

Analogous

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



00329E



2A0B86



710057

Triad

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



2A0B86



561400



003E39

Complementary

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



2A0B86



67860B

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.



003C00



2A0B86



2A2E00

Square

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



2A0B86



750000



003800



003E70

Rectangle

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



2A0B86



800033



003800



003D25

Sweetspot

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



2A0B86



897DAD



0B6786



413957



D6D6D6



575757

Same Dimension

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



2A0B86



2C00AD



670B86



3D3C42



210082



010003

Inverse Universe

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



860B67



AD0082



2A860B



423C41



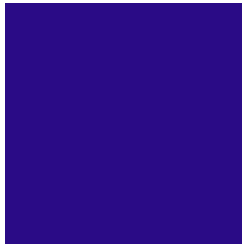
820061



030002

Previews

White Background



This preview shows how the Hex color 2A0B86 looks on a white background.

Color Contrast Check

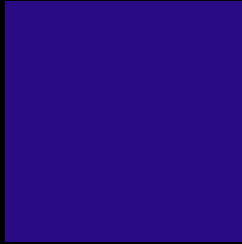
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Hex color 2A0B86 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

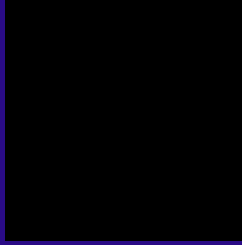
Any Text WCAG AA × Fail

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 2A0B86 Background



This preview shows how black text looks on a background with the Hex color 2A0B86.



This preview shows how white text looks on a background with the Hex color 2A0B86.

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

2A0B86

Protanopia

002C5C





Deuteranopia

002F4E






Tritanopia
003235

Trichromacy

	Original Color 2A0B86
	Protanomaly 0F206B
	Deuteranomaly 0F2262
	Tritanomaly 0F2452

Monochromacy

	Original Color 2A0B86
	Achromatopsia 222222
	Achromatomaly 251A46

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A0B86 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 #2A0B86 looks like.

```
.text, #text, p{  
    color:#2A0B86  
}
```

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 #2A0B86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A0B86
}
```

Border

The CSS property to change the border of an element to Hex 2A0B86 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
#2A0B86 }
```

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

```
.border{ border-color:#2A0B86 }
```

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

Here you see how a box with a 4 pixel #2A0B86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A0B86; -webkit-box-shadow:4px 4px  
4px 4px #2A0B86; box-shadow:4px 4px 4px  
4px #2A0B86 }
```

Background

The CSS property to change the background color of an element to Hex 2A0B86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A0B86 }
```

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

```
.background{ background-color:#2A0B86 }
```

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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