

Converting Colors

Hex(2A1AA3)

Have a look what the booklet for
Hex(2A1AA3) contains.

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Color

Hex(2A1AA3)

Conversions

Conversions Part 1

Format	Color
Hex	2A1AA3
RGB	42, 26, 163
RGB Percent	16%, 10%, 64%
CMY	0.8353, 0.8980, 0.3608
CMYK	0.74, 0.84, 0.00, 0.36
HSL	247°, 72%, 37%
HSV	247°, 84%, 64%
XYZ	7.9351, 3.8754, 34.9801
YIQ	46.4020, -34.4410, 45.9990

Conversions

Conversions Part 2

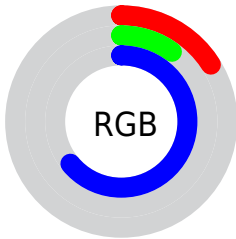
Format	Color
R_{YB}	42, 26, 163
Decimal	2759331
CIE _{Lab}	23.26, 49.33, -69.30
CIE _{LCh}	23, 85.059, 305.443
Yxy	3.8754, 0.1696, 0.0828
Android (android.graphics.Color)	4280949411 (0xFF2A1AA3)
YUV	46.4020, 57.4828, -3.8606
Hunter-Lab	19.6860, 37.5001, -91.5726

Details

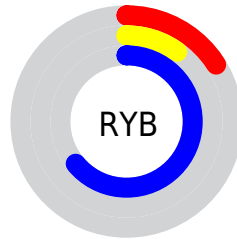
The Hex color **2A1AA3** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **93A31A**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **6C4BDB**, and **00006E** is the 20% darker color. If you saturate the color by 10%, you get **1C0AA3**, and if you desaturate by 10%, it is **382AA3**.

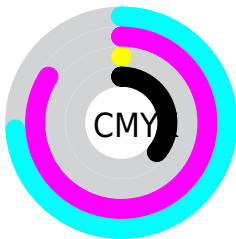
Distribution



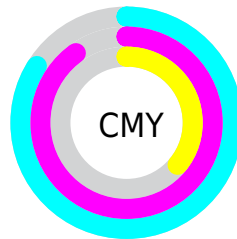
- Red (16%)
- Green (10%)
- Blue (64%)



- Red (16%)
- Yellow (10%)
- Blue (64%)



- Cyan (74%)
- Magenta (84%)
- Yellow (0%)
- Black (36%)



- Cyan (84%)
- Magenta (90%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A1AA3 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 2A1AA3 by changing the saturation by 10% instead.

■ 2A1AA3

■ 2A1AA3

FFFFFF

■ 000088

■ 6C4BDB

■ 00006E

■ 8A64F8

■ 000054

■ A87EFF

■ 00063C

■ C598FF

■ 000225

■ E3B3FF

■ 00010E

■ FFCFFF

■ 000000

■ FFECFF

■ 2A1AA3

■ 2A1AA3

■ 1C0AA3

■ 382AA3

■ 1300A3

■ 473BA3

■ 554BA3

■ 645BA3

■ 726BA3

■ 807CA3

■ 8F8CA3

■ 9D9CA3

■ ACADA3

Harmonies

Analogous

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



0040BC



2A1AA3



85006E

Triad

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



2A1AA3



6C1900



004C42

Complementary

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



2A1AA3



93A31A

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



2A1AA3



3B3A00

Square

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



2A1AA3



8F0000



004500



004D82

Rectangle

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



2A1AA3



980044



004500



004B2C

Sweetspot

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



2A1AA3



A59FD4



1A93A3



4F4B6B



EBEBEB



6B6B6B

Same Dimension

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



2A1AA3



1900D4



6E1AA3



4A4952



110091



020012

Inverse Universe

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



A31A93



D400BB



4FA31A



524951



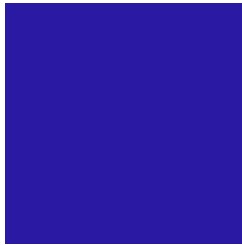
910080



120010

Previews

White Background



This preview shows how the Hex color 2A1AA3 looks on a white background.

Color Contrast Check

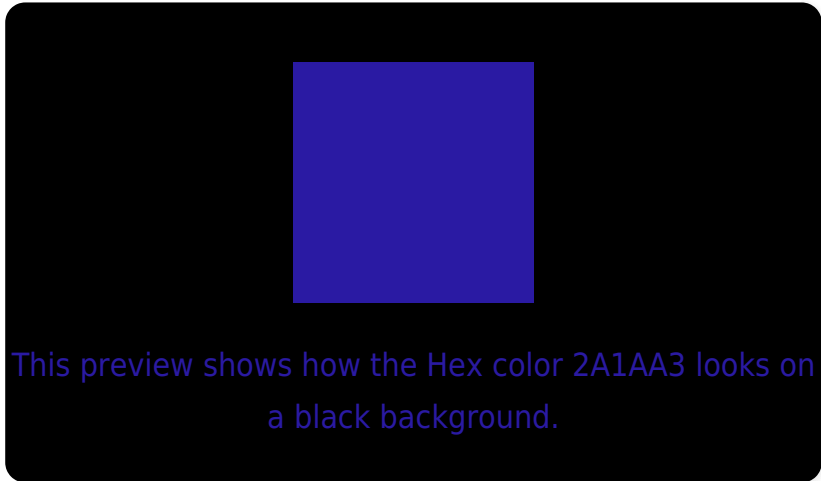
Large Text (above 18pt) WCAG AA ✓ Pass

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

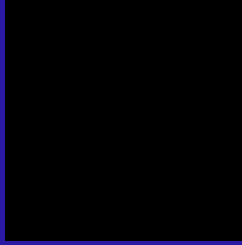
Any Text WCAG AA × Fail

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 2A1AA3 Background



This preview shows how black text looks on a background with the Hex color 2A1AA3.



This preview shows how white text looks on a background with the Hex color 2A1AA3.

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
2A1AA3

Protanopia
003672

Deuteranopia
003A61



Tritanopia
003E42

Trichromacy



Original Color
2A1AA3

Protanomaly
0F2C84

Deuteranomaly
0F2E79

Tritanomaly
0F3165

Monochromacy



Original Color
2A1AA3

Achromatopsia
2E2E2E

Achromatomaly
2D2759

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A1AA3 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 #2A1AA3 looks like.

```
.text, #text, p{  
    color:#2A1AA3  
}
```

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 #2A1AA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A1AA3
}
```

Border

The CSS property to change the border of an element to Hex 2A1AA3 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".

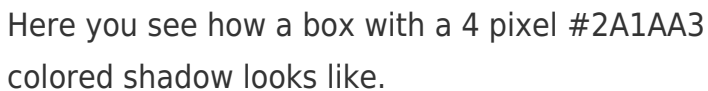
```
.border, #border, table{ border:4px solid
#2A1AA3 }
```

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

```
.border{ border-color:#2A1AA3 }
```

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

Here you see how a box with a 4 pixel #2A1AA3 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A1AA3; -webkit-box-shadow:4px 4px  
4px 4px #2A1AA3; box-shadow:4px 4px 4px  
4px #2A1AA3 }
```

Background

The CSS property to change the background color of an element to Hex 2A1AA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A1AA3 }
```

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

```
.background{ background-color:#2A1AA3 }
```

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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