

Converting Colors

Hex(2A17B3)

Have a look what the booklet for
Hex(2A17B3) contains.

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Color

Hex(2A17B3)

Conversions

Conversions Part 1

Format	Color
Hex	2A17B3
RGB	42, 23, 179
RGB Percent	16%, 9%, 70%
CMY	0.8353, 0.9098, 0.2980
CMYK	0.77, 0.87, 0.00, 0.30
HSL	247°, 77%, 40%
HSV	247°, 87%, 70%
XYZ	9.3979, 4.3597, 42.9940
YIQ	46.4650, -38.7520, 52.5440

Conversions

Conversions Part 2

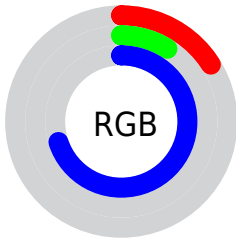
Format	Color
R_{YB}	42, 23, 179
Decimal	2758579
CIE _{Lab}	24.83, 55.23, -76.34
CIE _{LCh}	25, 94.222, 305.886
Yxy	4.3597, 0.1656, 0.0768
Android (android.graphics.Color)	4280948659 (0xFF2A17B3)
YUV	46.4650, 65.3398, -3.9158
Hunter-Lab	20.8799, 43.8020, -107.4686

Details

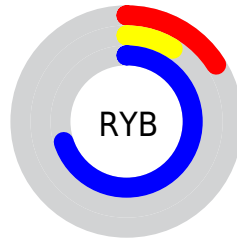
The Hex color **2A17B3** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **A0B317**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **704AEC**, and **00007D** is the 20% darker color. If you saturate the color by 10%, you get **1A05B3**, and if you desaturate by 10%, it is **3A29B3**.

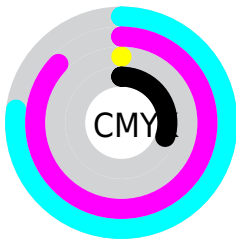
Distribution



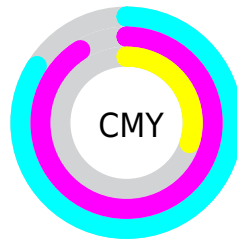
- Red (16%)
- Green (9%)
- Blue (70%)



- Red (16%)
- Yellow (9%)
- Blue (70%)



- Cyan (77%)
- Magenta (87%)
- Yellow (0%)
- Black (30%)



- Cyan (84%)
- Magenta (91%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A17B3 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 2A17B3 by changing the saturation by 10% instead.

■ 2A17B3

■ 2A17B3

FFFFFF

■ 000097

■ 704AEC

■ 00007D

■ 8F63FF

■ 000063

■ AD7DFF

■ 00094A

■ CC98FF

■ 000432

■ EAB4FF

■ 00021C

■ FFD0FF

■ 000000

■ FFECFF

■ 2A17B3

■ 2A17B3

■ 1A05B3

■ 3A29B3

■ 1600B3

■ 493BB3

■ 594DB3

■ 695FB3

■ 7971B3

■ 8882B3

■ 9894B3

■ A8A6B3

■ B7B8B3

Harmonies

Analogous

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



0045D0



2A17B3



920077

Triad

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



2A17B3



741800



005148

Complementary

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



2A17B3



A0B317

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.



004E00



2A17B3



3D3E00

Square

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



2A17B3



9B0000



004A00



00538F

Rectangle

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



2A17B3



A70048



004A00



00502F

Sweetspot

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



2A17B3



B3ACE8



17A1B3



555175



F5F5F5



757575

Same Dimension

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



2A17B3



1C00E8



7717B3



515059



130099



03001A

Inverse Universe

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



B317A0



E800CC



53B317



595058



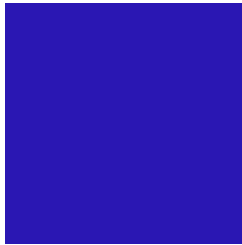
990086



1A0016

Previews

White Background



This preview shows how the Hex color 2A17B3 looks on a white background.

Color Contrast Check

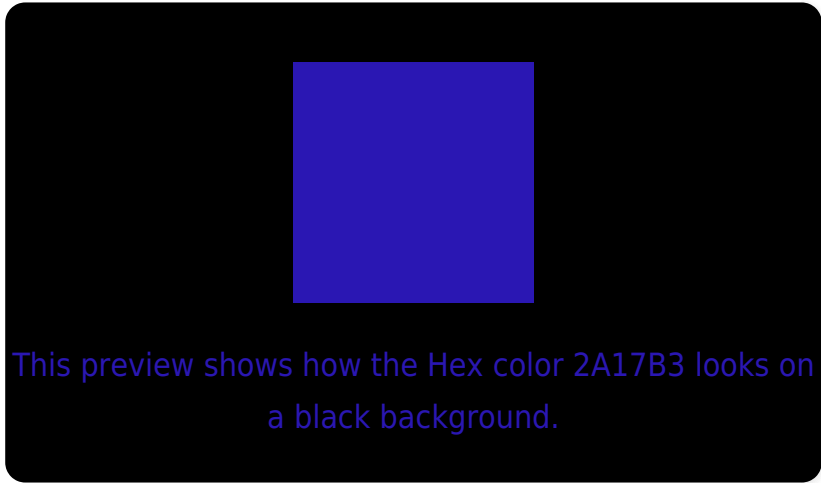
Large Text (above 18pt) WCAG AA ✓ Pass

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

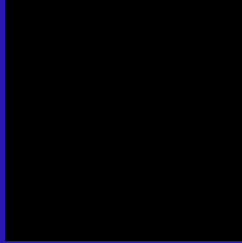
Any Text WCAG AA × Fail

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 2A17B3 Background



This preview shows how black text looks on a background with the Hex color 2A17B3.



This preview shows how white text looks on a background with the Hex color 2A17B3.

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
2A17B3

Protanopia
003A79

Deuteranopia
003D67

Trichromacy



Original Color
2A17B3

Protanomaly
0F2D8E

Deuteranomaly
0F2F83

Tritanomaly
0F326E

Monochromacy



Original Color
2A17B3

Achromatopsia
2E2E2E

Achromatomaly
2D265E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A17B3 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 #2A17B3 looks like.

```
.text, #text, p{  
    color:#2A17B3  
}
```

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 #2A17B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A17B3
}
```

Border

The CSS property to change the border of an element to Hex 2A17B3 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
#2A17B3 }
```

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

```
.border{ border-color:#2A17B3 }
```

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

Here you see how a box with a 4 pixel #2A17B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A17B3; -webkit-box-shadow:4px 4px  
4px 4px #2A17B3; box-shadow:4px 4px 4px  
4px #2A17B3 }
```

Background

The CSS property to change the background color of an element to Hex 2A17B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A17B3 }
```

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

```
.background{ background-color:#2A17B3 }
```

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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