

Converting Colors

Hex(1B2A7A)

Have a look what the booklet for
Hex(1B2A7A) contains.

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Color

Hex(1B2A7A)

Conversions

Conversions Part 1

Format	Color
Hex	1B2A7A
RGB	27, 42, 122
RGB Percent	11%, 16%, 48%
CMY	0.8941, 0.8353, 0.5216
CMYK	0.78, 0.66, 0.00, 0.52
HSL	231°, 64%, 29%
HSV	231°, 78%, 48%
XYZ	4.7928, 3.2941, 18.7956
YIQ	46.6350, -34.6200, 21.7000

Conversions

Conversions Part 2

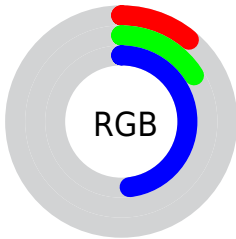
Format	Color
R _Y B	27, 40, 122
Decimal	1780346
CIE Lab	21.19, 24.44, -47.25
CIE LCh	21, 53.195, 297.353
Yxy	3.2941, 0.1783, 0.1225
Android (android.graphics.Color)	4279970426 (0xFF1B2A7A)
YUV	46.6350, 37.1549, -17.2199
Hunter-Lab	18.1496, 15.3751, -48.6955

Details

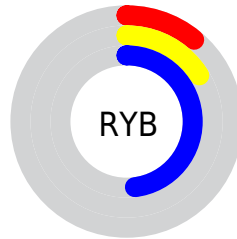
The Hex color **1B2A7A** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **7A6B1B**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **5757AF**, and **000048** is the 20% darker color. If you saturate the color by 10%, you get **0F207A**, and if you desaturate by 10%, it is **27347A**.

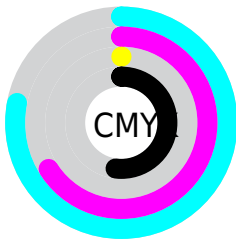
Distribution



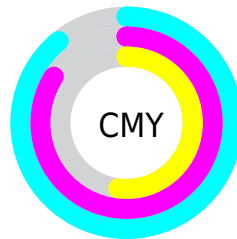
- Red (11%)
- Green (16%)
- Blue (48%)



- Red (11%)
- Yellow (16%)
- Blue (48%)



- Cyan (78%)
- Magenta (66%)
- Yellow (0%)
- Black (52%)



- Cyan (89%)
- Magenta (84%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B2A7A 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 1B2A7A by changing the saturation by 10% instead.

■ 1B2A7A

■ 1B2A7A

FFFFFF

■ 001661

■ 5757AF

■ 000048

■ 7370CB

■ 000431

■ 8E89E7

■ 00011B

■ AAA3FF

■ 000000

■ C7BEFF

■ E4DAFF

■ FFF7FF

■ 1B2A7A

■ 1B2A7A

■ 0F207A

■ 27347A

■ 03157A

■ 333F7A

■ 00137A

■ 40497A

■ 4C537A

■ 585D7A

■ 64687A

■ 70727A

■ 7D7C7A

■ 89867A

Harmonies

Analogous

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



003A83



1B2A7A



5C095E

Triad

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



1B2A7A



5F1D00



00422E

Complementary

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



1B2A7A



7A6B1B

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.



004000



1B2A7A



433000

Square

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



1B2A7A



710012



1B3B00



004256

Rectangle

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



1B2A7A



6E0045



1B3B00



004120

Sweetspot

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



1B2A7A



7A7F9E



1B7A6A



393C4F



CFCFCF



4F4F4F

Same Dimension

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



1B2A7A



0B229E



3B1B7A



37383D



00147D



0028FC

Inverse Universe

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



7A1B2A



9E0B22



5A7A1B



3D3738



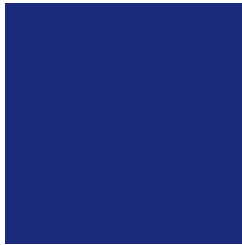
7D0014



FC0028

Previews

White Background



This preview shows how the Hex color 1B2A7A looks on a white background.

Color Contrast Check

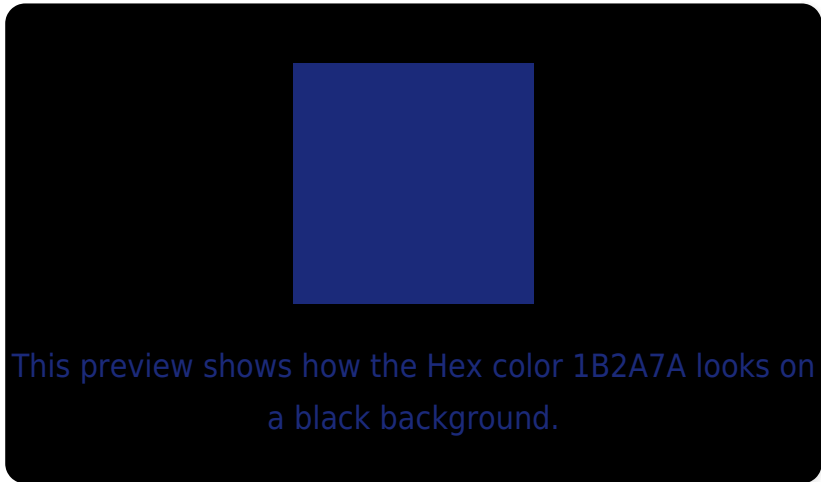
Large Text (above 18pt) WCAG AA ✓ Pass

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

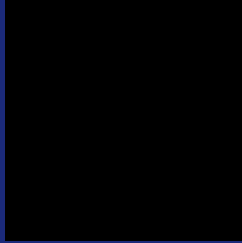
Any Text WCAG AA × Fail

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 1B2A7A Background



This preview shows how black text looks on a background with the Hex color 1B2A7A.



This preview shows how white text looks on a background with the Hex color 1B2A7A.

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

1B2A7A

Protanopia

003168

Deuteranopia

003559

Trichromacy



Original Color

1B2A7A

Protanomaly

0A2E6F

Deuteranomaly

0A3165

Tritanomaly

0A3453

Monochromacy



Original Color

1B2A7A

Achromatopsia

2F2F2F

Achromatomaly

282D4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B2A7A 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 #1B2A7A looks like.

```
.text, #text, p{  
    color:#1B2A7A  
}
```

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 #1B2A7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B2A7A
}
```

Border

The CSS property to change the border of an element to Hex 1B2A7A 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".

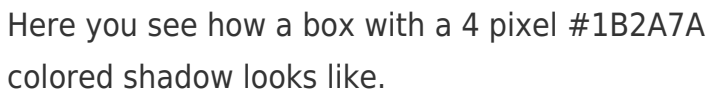
```
.border, #border, table{ border:4px solid
#1B2A7A }
```

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

```
.border{ border-color:#1B2A7A }
```

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

Here you see how a box with a 4 pixel #1B2A7A colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border on the top and left sides, and a thicker dark blue border on the bottom and right sides. The shadow is a dark blue rectangle that is slightly offset to the bottom and right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B2A7A; -webkit-box-shadow:4px 4px  
4px 4px #1B2A7A; box-shadow:4px 4px 4px  
4px #1B2A7A }
```

Background

The CSS property to change the background color of an element to Hex 1B2A7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B2A7A }
```

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

```
.background{ background-color:#1B2A7A }
```

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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