

Converting Colors

Hex(1B1B72)

Have a look what the booklet for
Hex(1B1B72) contains.

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Color

Hex(1B1B72)

Conversions

Conversions Part 1

Format	Color
Hex	1B1B72
RGB	27, 27, 114
RGB Percent	11%, 11%, 45%
CMY	0.8941, 0.8941, 0.5529
CMYK	0.76, 0.76, 0.00, 0.55
HSL	240°, 62%, 28%
HSV	240°, 76%, 45%
XYZ	3.8812, 2.2318, 16.1458
YIQ	36.9180, -27.9270, 27.0570

Conversions

Conversions Part 2

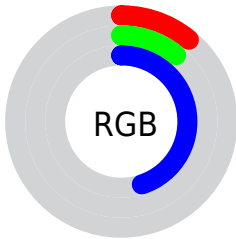
Format	Color
R _Y B	27, 27, 114
Decimal	1776498
CIE Lab	16.66, 31.41, -49.55
CIE LCh	17, 58.664, 302.367
Yxy	2.2318, 0.1744, 0.1003
Android (android.graphics.Color)	4279966578 (0xFF1B1B72)
YUV	36.9180, 38.0014, -8.6981
Hunter-Lab	14.9392, 20.2308, -53.6215

Details

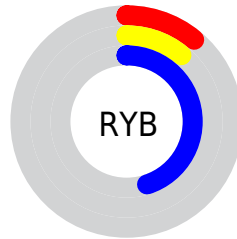
The Hex color **1B1B72** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **72721B**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **5648A7**, and **000041** is the 20% darker color. If you saturate the color by 10%, you get **101072**, and if you desaturate by 10%, it is **262672**.

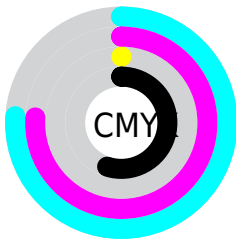
Distribution



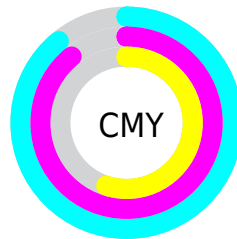
- Red (11%)
- Green (11%)
- Blue (45%)



- Red (11%)
- Yellow (11%)
- Blue (45%)



- Cyan (76%)
- Magenta (76%)
- Yellow (0%)
- Black (55%)



- Cyan (89%)
- Magenta (89%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B1B72 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 1B1B72 by changing the saturation by 10% instead.

■ 1B1B72

■ 1B1B72

FFFFFF

■ 000659

■ 5648A7

■ 000041

■ 7260C2

■ 00032A

■ 8D79DF

■ 000114

■ A992FC

■ 000000

■ C6ADFF

■ E3C9FF

■ FFE5FF

■ 1B1B72

■ 1B1B72

■ 101072

■ 262672

■ 040472

■ 323272

■ 000072

■ 3D3D72

■ 494972

■ 545472

■ 5F5F72

■ 6B6B72

■ 767672

■ 828272

Harmonies

Analogous

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



002F80



1B1B72



5A0051

Triad

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



1B1B72



511400



00382C

Complementary

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



1B1B72



72721B

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.



003600



1B1B72



312900

Square

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



1B1B72



670000



003200



003956

Rectangle

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



1B1B72



690036



003200



00381D

Sweetspot

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



1B1B72



727294



1B7272



35354A



C9C9C9



4A4A4A

Same Dimension

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



1B1B72



0C0C94



471B72



323238



000078



0000F7

Inverse Universe

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



721B72



940C94



47721B



383238



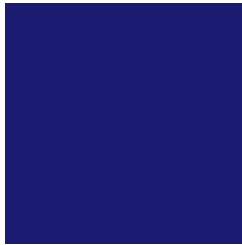
780078



F700F7

Previews

White Background



This preview shows how the Hex color 1B1B72 looks on a white background.

Color Contrast Check

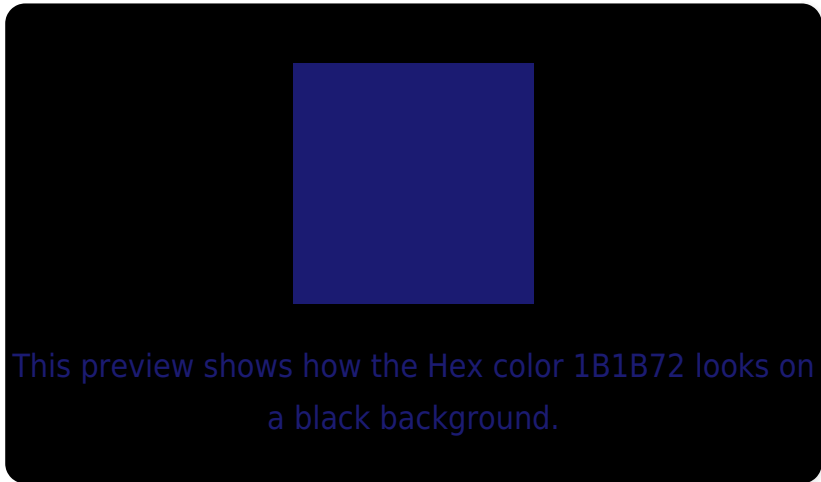
Large Text (above 18pt) WCAG AA ✓ Pass

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

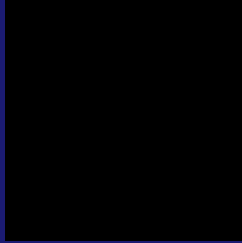
Any Text WCAG AA × Fail

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 1B1B72 Background



This preview shows how black text looks on a background with the Hex color 1B1B72.



This preview shows how white text looks on a background with the Hex color 1B1B72.

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
1B1B72

Protanopia
002955

Deuteranopia
002B49



Tritanopia
002F31

Trichromacy



Original Color
1B1B72

Protanomaly
0A2460

Deuteranomaly
0A2558

Tritanomaly
0A2849

Monochromacy



Original Color
1B1B72

Achromatopsia
252525

Achromatomaly
212141

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B1B72 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 #1B1B72 looks like.

```
.text, #text, p{  
    color:#1B1B72  
}
```

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 #1B1B72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B1B72
}
```

Border

The CSS property to change the border of an element to Hex 1B1B72 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".

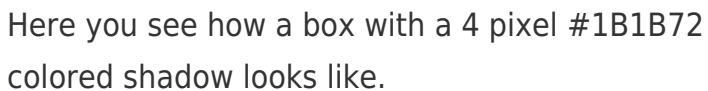
```
.border, #border, table{ border:4px solid
#1B1B72 }
```

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

```
.border{ border-color:#1B1B72 }
```

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

Here you see how a box with a 4 pixel #1B1B72 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B1B72; -webkit-box-shadow:4px 4px  
4px 4px #1B1B72; box-shadow:4px 4px 4px  
4px #1B1B72 }
```

Background

The CSS property to change the background color of an element to Hex 1B1B72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B1B72 }
```

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

```
.background{ background-color:#1B1B72 }
```

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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