

Converting Colors

Hex(1B2D93)

Have a look what the booklet for
Hex(1B2D93) contains.

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Color

Hex(1B2D93)

Conversions

Conversions Part 1

Format	Color
Hex	1B2D93
RGB	27, 45, 147
RGB Percent	11%, 18%, 58%
CMY	0.8941, 0.8235, 0.4235
CMYK	0.82, 0.69, 0.00, 0.42
HSL	231°, 69%, 34%
HSV	231°, 82%, 58%
XYZ	6.6568, 4.2164, 28.0667
YIQ	51.2460, -43.4700, 27.9060

Conversions

Conversions Part 2

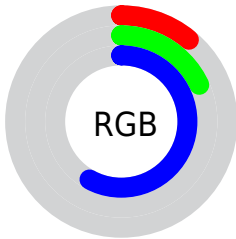
Format	Color
RYP	27, 43, 147
Decimal	1781139
CIELab	24.37, 32.07, -57.67
CIElCh	24, 65.992, 299.080
Yxy	4.2164, 0.1710, 0.1083
Android (android.graphics.Color)	4279971219 (0xFF1B2D93)
YUV	51.2460, 47.2067, -21.2637
Hunter-Lab	20.5338, 21.9337, -66.6673

Details

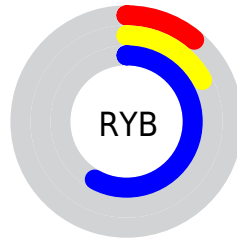
The Hex color **1B2D93** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **93811B**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **5E5BCA**, and **00035F** is the 20% darker color. If you saturate the color by 10%, you get **0C2193**, and if you desaturate by 10%, it is **2A3993**.

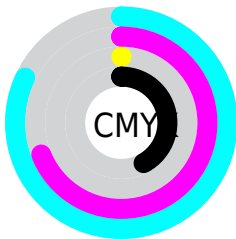
Distribution



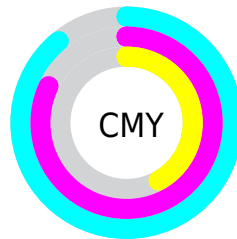
- Red (11%)
- Green (18%)
- Blue (58%)



- Red (11%)
- Yellow (17%)
- Blue (58%)



- Cyan (82%)
- Magenta (69%)
- Yellow (0%)
- Black (42%)



- Cyan (89%)
- Magenta (82%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B2D93 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 1B2D93 by changing the saturation by 10% instead.

■ 1B2D93

■ 1B2D93

FFFFFF

■ 001879

■ 5E5BCA

■ 00035F

■ 7B74E7

■ 000247

■ 988DFF

■ 00042F

■ B5A8FF

■ 000119

■ D2C3FF

■ 000000

■ F0DFFF

■ FFFCFF

■ 1B2D93

■ 1B2D93

■ 0C2193

■ 2A3993

■ 001693

■ 384693

■ 475293

■ 565F93

■ 646B93

■ 737893

■ 828493

■ 919193

■ 9F9D93

Harmonies

Analogous

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



0042A0



1B2D93



70006E

Triad

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



1B2D93



6E1E00



004C37

Complementary

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



1B2D93



93811B

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



1B2D93



493800

Square

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



1B2D93



86000D



114400



004D6A

Rectangle

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



1B2D93



85004E



114400



004B25

Sweetspot

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



1B2D93



9198BF



1B9381



454961



E0E0E0



616161

Same Dimension

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



1B2D93



0420BF



451B93



43444A



00158A



00020A

Inverse Universe

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



931B2D



BF0420



69931B



4A4344



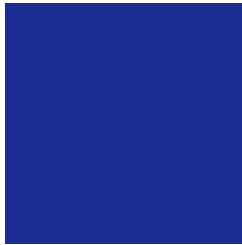
8A0015



0A0002

Previews

White Background



This preview shows how the Hex color 1B2D93 looks on a white background.

Color Contrast Check

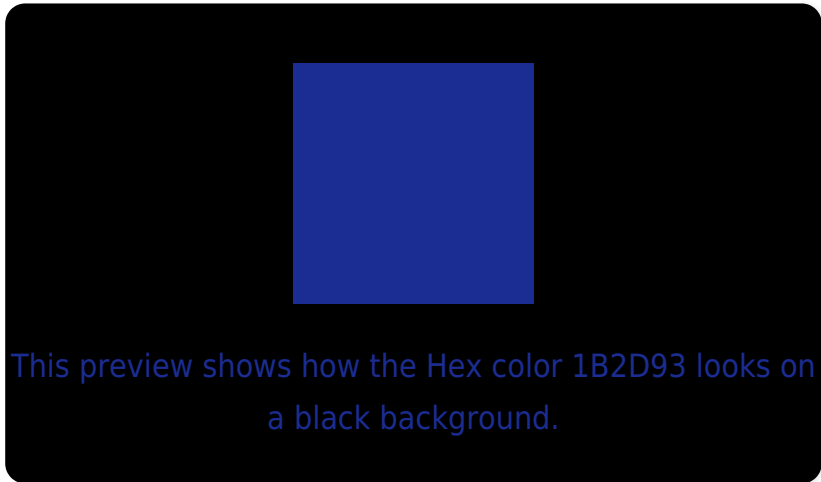
Large Text (above 18pt) WCAG AA ✓ Pass

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

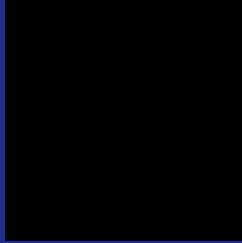
Any Text WCAG AA × Fail

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 1B2D93 Background



This preview shows how black text looks on a background with the Hex color 1B2D93.

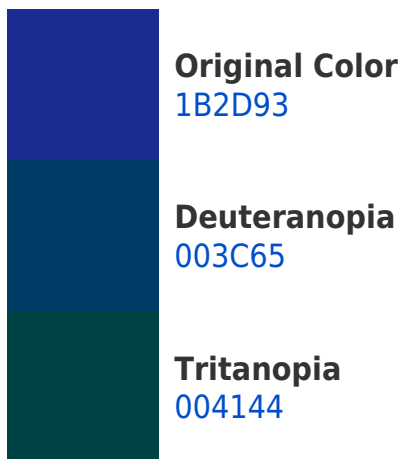


This preview shows how white text looks on a background with the Hex color 1B2D93.

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



Trichromacy



Original Color
1B2D93

Deuteranomaly
0A3776

Tritanomaly
0A3A61

Monochromacy



Original Color
1B2D93

Achromatopsia
333333

Achromatomaly
2A3156

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B2D93 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 #1B2D93 looks like.

```
.text, #text, p{  
    color:#1B2D93  
}
```

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 #1B2D93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B2D93  
}
```

Border

The CSS property to change the border of an element to Hex 1B2D93 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  
#1B2D93 }
```

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

```
.border{ border-color:#1B2D93 }
```

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

Here you see how a box with a 4 pixel #1B2D93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B2D93; -webkit-box-shadow:4px 4px  
4px 4px #1B2D93; box-shadow:4px 4px 4px  
4px #1B2D93 }
```

Background

The CSS property to change the background color of an element to Hex 1B2D93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B2D93 }
```

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

```
.background{ background-color:#1B2D93 }
```

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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