

Converting Colors

Hex(1D31A0)

Have a look what the booklet for
Hex(1D31A0) contains.

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Color

Hex(1D31A0)

Conversions

Conversions Part 1

Format	Color
Hex	1D31A0
RGB	29, 49, 160
RGB Percent	11%, 19%, 63%
CMY	0.8863, 0.8078, 0.3725
CMYK	0.82, 0.69, 0.00, 0.37
HSL	231°, 69%, 37%
HSV	231°, 82%, 63%
XYZ	7.9502, 4.9959, 33.8030
YIQ	55.6740, -47.5510, 30.2810

Conversions

Conversions Part 2

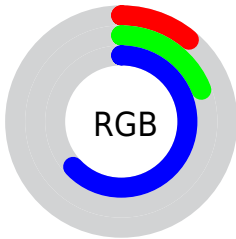
Format	Color
R_{YB}	29, 46, 160
Decimal	1913248
CIE _{Lab}	26.72, 34.52, -61.76
CIE _{LCh}	27, 70.753, 299.198
Yxy	4.9959, 0.1701, 0.1069
Android (android.graphics.Color)	4280103328 (0xFF1D31A0)
YUV	55.6740, 51.4327, -23.3931
Hunter-Lab	22.3515, 24.3752, -74.0203

Details

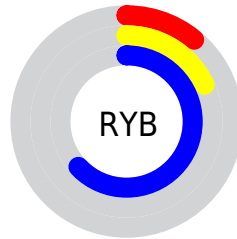
The Hex color **1D31A0** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A08C1D**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **625FD8**, and **00096B** is the 20% darker color. If you saturate the color by 10%, you get **0D23A0**, and if you desaturate by 10%, it is **2D3FA0**.

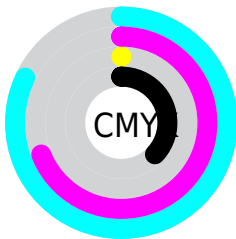
Distribution



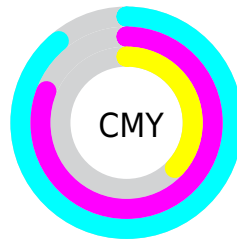
- Red (11%)
- Green (19%)
- Blue (63%)



- Red (11%)
- Yellow (18%)
- Blue (63%)



- Cyan (82%)
- Magenta (69%)
- Yellow (0%)
- Black (37%)



- Cyan (89%)
- Magenta (81%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D31A0 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 1D31A0 by changing the saturation by 10% instead.

■ 1D31A0

■ 1D31A0

FFFFFF

■ 001C85

■ 625FD8

■ 00096B

■ 8078F5

■ 000052

■ 9D92FF

■ 00053A

■ BAADFF

■ 000223

■ D8C8FF

■ 00000B

■ F6E4FF

■ 000000

■ 1D31A0

■ 1D31A0

■ 0D23A0

■ 2D3FA0

■ 0018A0

■ 3D4CA0

■ 4D5AA0

■ 5D67A0

■ 6D75A0

■ 7D82A0

■ 8D90A0

■ 9D9DA0

■ ADABA0

Harmonies

Analogous

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



0048AE



1D31A0



7A0078

Triad

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



1D31A0



782100



00523C

Complementary

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



1D31A0



A08C1D

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.



005000



1D31A0



503D00

Square

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



1D31A0



92000F



114A00



005373

Rectangle

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



1D31A0



900055



114A00



005229

Sweetspot

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



1D31A0



9DA5D1



1DA08A



494E69



E8E8E8



696969

Same Dimension

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



1D31A0



0423D1



491DA0



47484F



00168F



00020F

Inverse Universe

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



A01D31



D10423



74A01D



4F4748



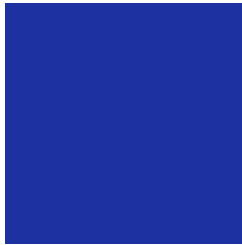
8F0016



0F0002

Previews

White Background



This preview shows how the Hex color 1D31A0 looks on a white background.

Color Contrast Check

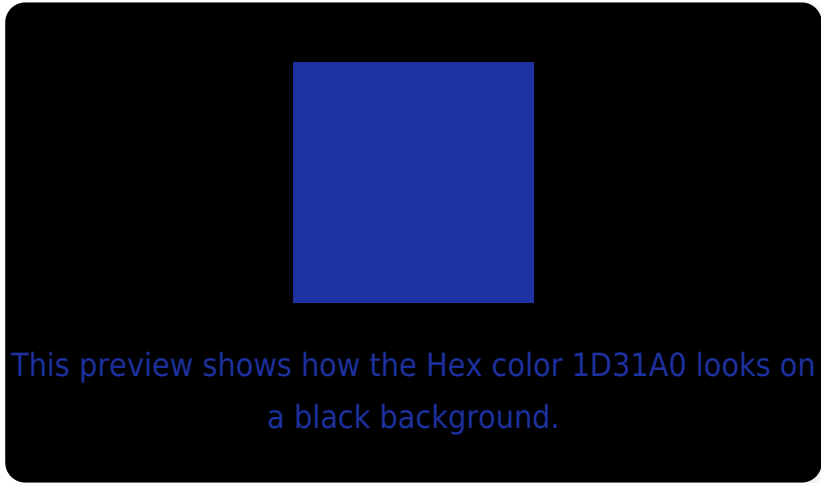
Large Text (above 18pt) WCAG AA ✓ Pass

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

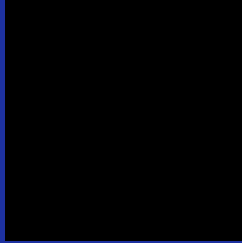
Any Text WCAG AA × Fail

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 1D31A0 Background



This preview shows how black text looks on a background with the Hex color 1D31A0.

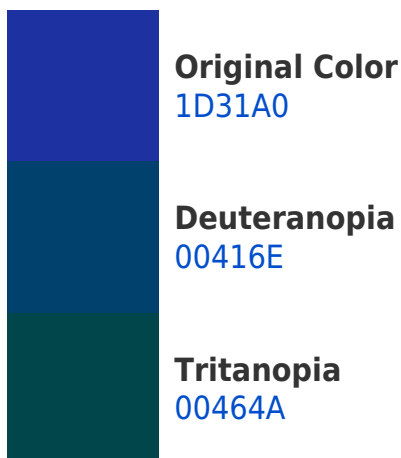


This preview shows how white text looks on a background with the Hex color 1D31A0.

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
1D31A0

Deuteranomaly
0B3B80

Tritanomaly
0B3E69

Monochromacy



Original Color
1D31A0

Achromatopsia
383838

Achromatomaly
2E355E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D31A0 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 #1D31A0 looks like.

```
.text, #text, p{  
    color:#1D31A0  
}
```

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 #1D31A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D31A0
}
```

Border

The CSS property to change the border of an element to Hex 1D31A0 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
#1D31A0 }
```

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

```
.border{ border-color:#1D31A0 }
```

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

Here you see how a box with a 4 pixel #1D31A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D31A0; -webkit-box-shadow:4px 4px  
4px 4px #1D31A0; box-shadow:4px 4px 4px  
4px #1D31A0 }
```

Background

The CSS property to change the background color of an element to Hex 1D31A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D31A0 }
```

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

```
.background{ background-color:#1D31A0 }
```

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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