

Converting Colors

Hex(1D33C2)

Have a look what the booklet for
Hex(1D33C2) contains.

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Color

Hex(1D33C2)

Conversions

Conversions Part 1

Format	Color
Hex	1D33C2
RGB	29, 51, 194
RGB Percent	11%, 20%, 76%
CMY	0.8863, 0.8000, 0.2392
CMYK	0.85, 0.74, 0.00, 0.24
HSL	232°, 74%, 44%
HSV	232°, 85%, 76%
XYZ	11.4281, 6.5239, 51.6958
YIQ	60.7240, -59.0150, 39.8090

Conversions

Conversions Part 2

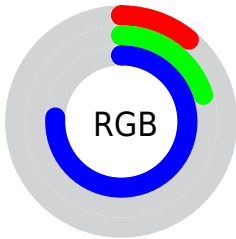
Format	Color
R_{YB}	29, 48, 194
Decimal	1913794
CIE _{Lab}	30.70, 45.50, -75.51
CIE _{LCh}	31, 88.161, 301.071
Yxy	6.5239, 0.1641, 0.0937
Android (android.graphics.Color)	4280103874 (0xFF1D33C2)
YUV	60.7240, 65.7051, -27.8219
Hunter-Lab	25.5419, 35.1671, -102.1212

Details

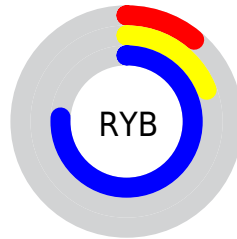
The Hex color **1D33C2** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C2AC1D**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6B63FC**, and **00088B** is the 20% darker color. If you saturate the color by 10%, you get **0A22C2**, and if you desaturate by 10%, it is **3044C2**.

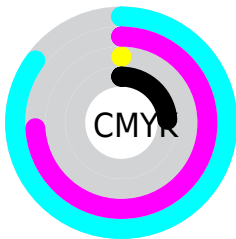
Distribution



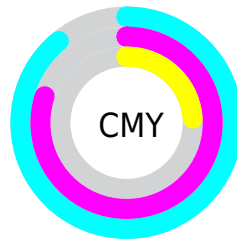
- Red (11%)
- Green (20%)
- Blue (76%)



- Red (11%)
- Yellow (19%)
- Blue (76%)



- Cyan (85%)
- Magenta (74%)
- Yellow (0%)
- Black (24%)



- Cyan (89%)
- Magenta (80%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D33C2 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 1D33C2 by changing the saturation by 10% instead.

 1D33C2

 1D33C2


FFFFFF

 001DA6


 6B63FC

 00088B

 8B7CFF

 000071

 AA96FF

 000857

 C8B1FF

 00063F

 E7CDFF

 000328

 FFE9FF

 000111

 000000

 1D33C2

 1D33C2

■ 0A22C2

■ 3044C2

■ 001AC2

■ 4455C2

■ 5765C2

■ 6B76C2

■ 7E87C2

■ 9198C2

■ A5A9C2

■ B8BAC2

■ CCCAC2

Harmonies

Analogous

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



0054D7



1D33C2



96008D

Triad

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



1D33C2



8B2100



005F49

Complementary

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



1D33C2



C2AC1D

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.



005D00



1D33C2



574700

Square

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



1D33C2



AD0004



005700



00618F

Rectangle

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



1D33C2



B00060



005700



005E31

Sweetspot

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



1D33C2



BBC4FC



1DC2AC



585D80



000000



808080

Same Dimension

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



1D33C2



0022FC



591DC2



575961



0015A1



000421

Inverse Universe

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



C21D33



FC0022



85C21D



615759



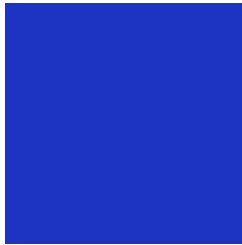
A10015



210004

Previews

White Background



This preview shows how the Hex color 1D33C2 looks on a white background.

Color Contrast Check

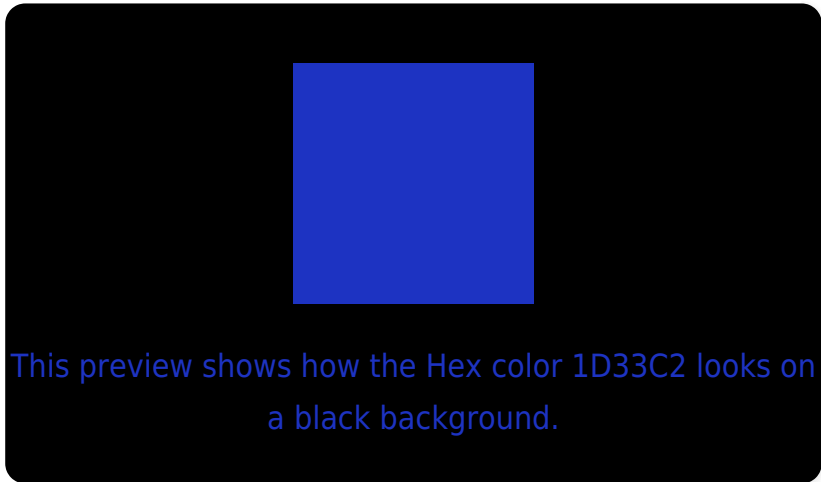
Large Text (above 18pt) WCAG AA ✓ Pass

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

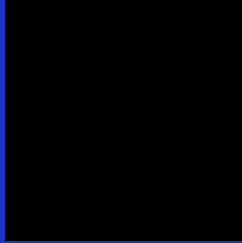
Any Text WCAG AA × Fail

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 1D33C2 Background



This preview shows how black text looks on a background with the Hex color 1D33C2.



This preview shows how white text looks on a background with the Hex color 1D33C2.

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
1D33C2

Protanopia
004592

Deuteranopia
004A7C

Trichromacy



Original Color
1D33C2

Protanomaly
0B3EA3

Deuteranomaly
0B4295

Tritanomaly
0B457C

Monochromacy



Original Color
1D33C2

Achromatopsia
3D3D3D

Achromatomaly
31396D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D33C2 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 #1D33C2 looks like.

```
.text, #text, p{  
    color:#1D33C2  
}
```

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 #1D33C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D33C2
}
```

Border

The CSS property to change the border of an element to Hex 1D33C2 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
#1D33C2 }
```

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

```
.border{ border-color:#1D33C2 }
```

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

Here you see how a box with a 4 pixel #1D33C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D33C2; -webkit-box-shadow:4px 4px  
4px 4px #1D33C2; box-shadow:4px 4px 4px  
4px #1D33C2 }
```

Background

The CSS property to change the background color of an element to Hex 1D33C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D33C2 }
```

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

```
.background{ background-color:#1D33C2 }
```

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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