

Converting Colors

Hex(1D45C2)

Have a look what the booklet for
Hex(1D45C2) contains.

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Color

Hex(1D45C2)

Conversions

Conversions Part 1

Format	Color
Hex	1D45C2
RGB	29, 69, 194
RGB Percent	11%, 27%, 76%
CMY	0.8863, 0.7294, 0.2392
CMYK	0.85, 0.64, 0.00, 0.24
HSL	225°, 74%, 44%
HSV	225°, 85%, 76%
XYZ	12.3724, 8.4125, 52.0106
YIQ	71.2900, -63.9650, 30.3950

Conversions

Conversions Part 2

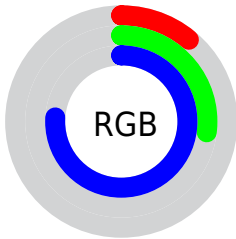
Format	Color
RYB	29, 61, 194
Decimal	1918402
CIELab	34.83, 34.32, -68.71
CIELCh	35, 76.801, 296.540
Yxy	8.4125, 0.1700, 0.1156
Android (android.graphics.Color)	4280108482 (0xFF1D45C2)
YUV	71.2900, 60.4960, -37.0883
Hunter-Lab	29.0043, 25.3856, -86.0160

Details

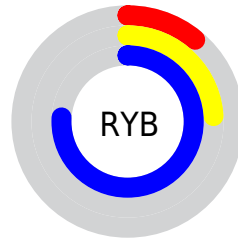
The Hex color **1D45C2** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **C29A1D**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6A75FC**, and **001B8B** is the 20% darker color. If you saturate the color by 10%, you get **0A36C2**, and if you desaturate by 10%, it is **3054C2**.

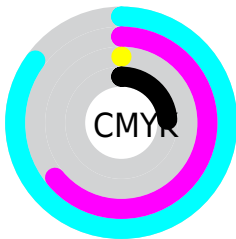
Distribution



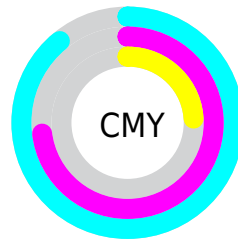
- Red (11%)
- Green (27%)
- Blue (76%)



- Red (11%)
- Yellow (24%)
- Blue (76%)



- Cyan (85%)
- Magenta (64%)
- Yellow (0%)
- Black (24%)



- Cyan (89%)
- Magenta (73%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D45C2 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 1D45C2 by changing the saturation by 10% instead.

 1D45C2

 1D45C2

FFFFFF

 002FA6

 6A75FC

 001B8B

 898EFF

 000871

 A7A9FF

 000357

 C6C4FF

 00063F

 E4E0FF

 000328

FFFDFF

 000112

 000000

 1D45C2

 1D45C2

■ 0A36C2

■ 3054C2

■ 002FC2

■ 4462C2

■ 5771C2

■ 6B80C2

■ 7E8EC2

■ 919DC2

■ A5ACC2

■ B8BBC2

■ CCC9C2

Harmonies

Analogous

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



005DCF



1D45C2



910A97

Triad

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



1D45C2



972D00



006849

Complementary

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



1D45C2



C29A1D

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.



006500



1D45C2



6B4E00

Square

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



1D45C2



B20020



2D5E00



006A88

Rectangle

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



1D45C2



AD0070



2D5E00



006833

Sweetspot

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



1D45C2



BBCBFC



1DC299



586280



000000



808080

Same Dimension

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



1D45C2



003DFC



461DC2



575A61



0027A1



000821

Inverse Universe

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



C21D45



FC003D



99C21D



61575A



A10027



210008

Previews

White Background



This preview shows how the Hex color 1D45C2 looks on a white background.

Color Contrast Check

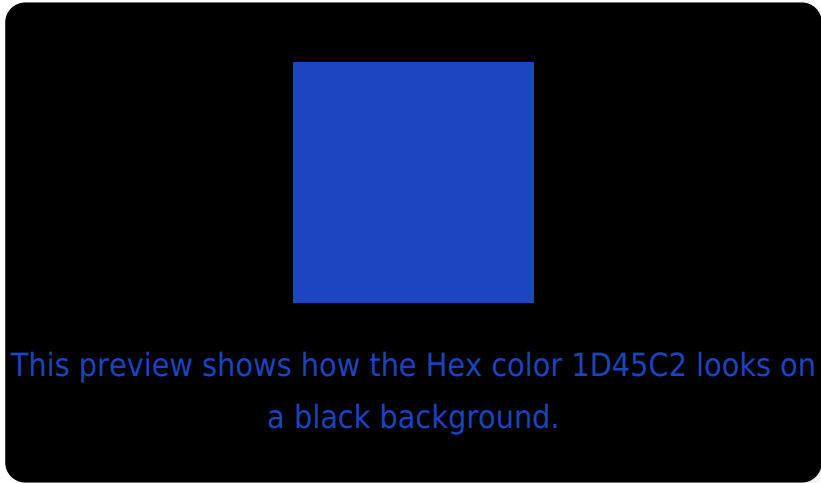
Large Text (above 18pt) WCAG AA ✓ Pass

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

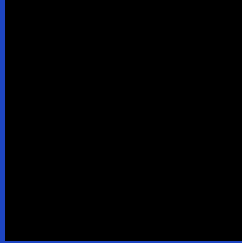
Any Text WCAG AA × Fail

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 1D45C2 Background



This preview shows how black text looks on a background with the Hex color 1D45C2.



This preview shows how white text looks on a background with the Hex color 1D45C2.

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
1D45C2

Protanopia
004FA6

Deuteranopia
00548E



Tritanopia
005B60

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1D45C2 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 #1D45C2 looks like.

```
.text, #text, p{  
    color:#1D45C2  
}
```

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 #1D45C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D45C2
}
```

Border

The CSS property to change the border of an element to Hex 1D45C2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

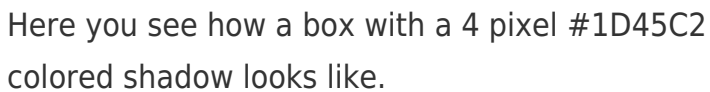
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1D45C2 }
```

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

```
.border{ border-color:#1D45C2 }
```

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



Here you see how a box with a 4 pixel #1D45C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D45C2; -webkit-box-shadow:4px 4px  
4px 4px #1D45C2; box-shadow:4px 4px 4px  
4px #1D45C2 }
```

Background

The CSS property to change the background color of an element to Hex 1D45C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D45C2 }
```

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

```
.background{ background-color:#1D45C2 }
```

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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