

Converting Colors

Hex(234CD9)

Have a look what the booklet for
Hex(234CD9) contains.

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Color

Hex(234CD9)

Conversions

Conversions Part 1

Format	Color
Hex	234CD9
RGB	35, 76, 217
RGB Percent	14%, 30%, 85%
CMY	0.8627, 0.7020, 0.1490
CMYK	0.84, 0.65, 0.00, 0.15
HSL	226°, 72%, 49%
HSV	226°, 84%, 85%
XYZ	15.8020, 10.5360, 66.8464
YIQ	79.8150, -69.6970, 35.1590

Conversions

Conversions Part 2

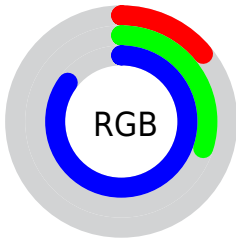
Format	Color
R _Y B	35, 68, 217
Decimal	2313433
CIE Lab	38.79, 38.78, -75.52
CIE LCh	39, 84.895, 297.180
Yxy	10.5360, 0.1696, 0.1131
Android (android.graphics.Color)	4280503513 (0xFF234CD9)
YUV	79.8150, 67.6322, -39.3028
Hunter-Lab	32.4591, 30.0950, -99.3805

Details

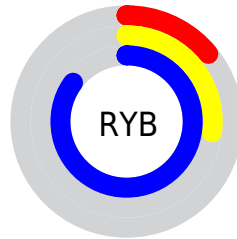
The Hex color **234CD9** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **D9B023**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **727DFF**, and **0021A1** is the 20% darker color. If you saturate the color by 10%, you get **0D3BD9**, and if you desaturate by 10%, it is **395DD9**.

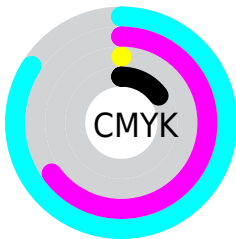
Distribution



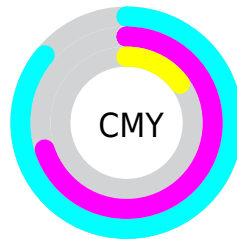
- Red (14%)
- Green (30%)
- Blue (85%)



- Red (14%)
- Yellow (27%)
- Blue (85%)



- Cyan (84%)
- Magenta (65%)
- Yellow (0%)
- Black (15%)



- Cyan (86%)
- Magenta (70%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 234CD9 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 234CD9 by changing the saturation by 10% instead.

 234CD9

 234CD9

FFFFFF

 0036BD

 727DFF

 0021A1

 9297FF

 000F86

 B1B1FF

 00006C

 D0CDFF

 000B52

 EFE9FF

 00053A

 000224

 00000B

 000000

■ 234CD9

■ 234CD9

■ 0D3BD9

■ 395DD9

■ 0031D9

■ 4E6ED9

■ 647ED9

■ 7A8FD9

■ 90A0D9

■ A5B1D9

■ BBC2D9

■ D1D2D9

■ E6E3D9

Harmonies

Analogous

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



0068E9



234CD9



A300A8

Triad

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



234CD9



A83200



007453

Complementary

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



234CD9



D9B023

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.



007100



234CD9



765700

Square

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



234CD9



C70022



2E6900



007699

Rectangle

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



234CD9



C2007C



2E6900



00743A

Sweetspot

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



234CD9



BFCEFF



23D9AF



596280



000000



808080

Same Dimension

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



234CD9



0039FF



5423D9



63656E



0027AD



000A2E

Inverse Universe

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



D9234C



FF0039



A8D923



6E6365



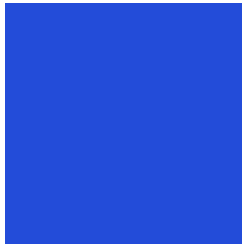
AD0027



2E000A

Previews

White Background



This preview shows how the Hex color 234CD9 looks on a white background.

Color Contrast Check

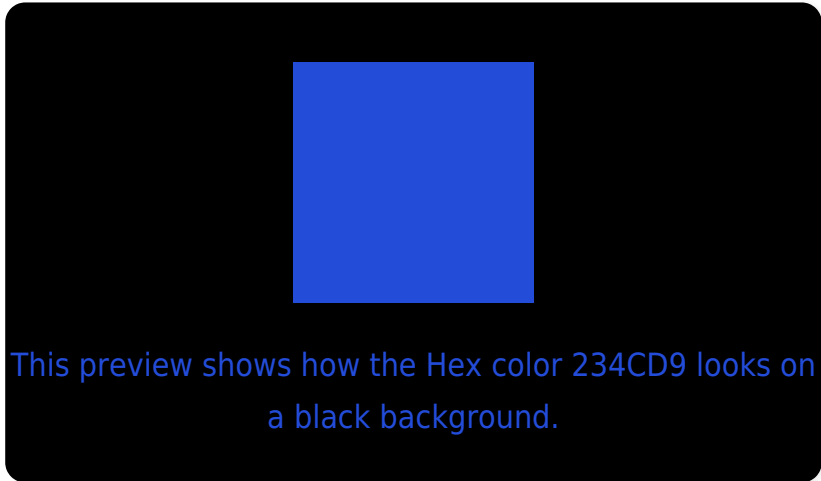
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

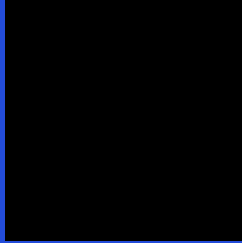
Any Text WCAG AA × Fail

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 234CD9 Background



This preview shows how black text looks on a background with the Hex color 234CD9.



This preview shows how white text looks on a background with the Hex color 234CD9.

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





Tritanopia
00656B

Trichromacy



Original Color
234CD9

Protanomaly
0D53C5

Deuteranomaly
0D57B3

Tritanomaly
0D5C93

Monochromacy



Original Color
234CD9

Achromatopsia
505050

Achromatomaly
404F82

CSS Examples

Text

The CSS property to change the color of the text to Hex 234CD9 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 #234CD9 looks like.

```
.text, #text, p{  
    color:#234CD9  
}
```

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 #234CD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #234CD9
}
```

Border

The CSS property to change the border of an element to Hex 234CD9 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
#234CD9 }
```

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

```
.border{ border-color:#234CD9 }
```

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

Here you see how a box with a 4 pixel #234CD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #234CD9; -webkit-box-shadow:4px 4px  
4px 4px #234CD9; box-shadow:4px 4px 4px  
4px #234CD9 }
```

Background

The CSS property to change the background color of an element to Hex 234CD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#234CD9 }
```

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

```
.background{ background-color:#234CD9 }
```

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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