

Converting Colors

Hex(234CC2)

Have a look what the booklet for
Hex(234CC2) contains.

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Color

Hex(234CC2)

Conversions

Conversions Part 1

Format	Color
Hex	234CC2
RGB	35, 76, 194
RGB Percent	14%, 30%, 76%
CMY	0.8627, 0.7020, 0.2392
CMYK	0.82, 0.61, 0.00, 0.24
HSL	225°, 69%, 45%
HSV	225°, 82%, 76%
XYZ	13.0152, 9.4212, 52.1714
YIQ	77.1930, -62.3140, 28.0060

Conversions

Conversions Part 2

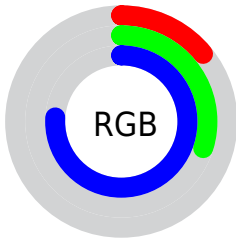
Format	Color
RYB	35, 68, 194
Decimal	2313410
CIELab	36.78, 30.20, -65.50
CIElCh	37, 72.125, 294.756
Yxy	9.4212, 0.1744, 0.1263
Android (android.graphics.Color)	4280503490 (0xFF234CC2)
YUV	77.1930, 57.5859, -37.0033
Hunter-Lab	30.6941, 21.9747, -79.2908

Details

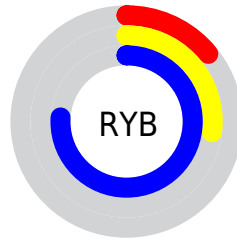
The Hex color **234CC2** is a dark color, and the websafe version is hex **003399**. The color can be described as dark muted blue. A complement of this color would be **C29923**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6C7CFB**, and **00218B** is the 20% darker color. If you saturate the color by 10%, you get **103EC2**, and if you desaturate by 10%, it is **365AC2**.

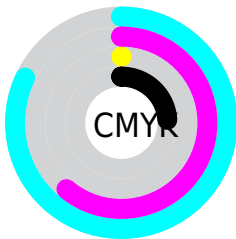
Distribution



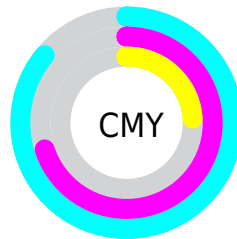
- Red (14%)
- Green (30%)
- Blue (76%)



- Red (14%)
- Yellow (27%)
- Blue (76%)



- Cyan (82%)
- Magenta (61%)
- Yellow (0%)
- Black (24%)



- Cyan (86%)
- Magenta (70%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 234CC2 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 234CC2 by changing the saturation by 10% instead.

■ 234CC2

■ 234CC2

FFFFFF

■ 0036A6

■ 6C7CFB

■ 00218B

■ 8B96FF

■ 001071

■ A9B1FF

■ 000058

■ C7CCFF

■ 00063F

■ E5E8FF

■ 000328

■ 000112

■ 000000

■ 234CC2

■ 234CC2

■ 103EC2

■ 365AC2

■ 0032C2

■ 4A69C2

■ 5D77C2

■ 7186C2

■ 8494C2

■ 97A2C2

■ ABB1C2

■ BEBFC2

■ D2CEC2

Harmonies

Analogous

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



0062CC



234CC2



8F239B

Triad

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



234CC2



9C3300



006D4A

Complementary

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



234CC2



C29923

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.



006900



234CC2



735100

Square

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



234CC2



B5002B



3B6100



006E86

Rectangle

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



234CC2



AC0077



3B6100



006C35

Sweetspot

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



234CC2



BDCEFC



23C298



596380



000000



808080

Same Dimension

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



234CC2



0545FC



4823C2



575A61



0029A1



000921

Inverse Universe

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



C2234C



FC0545



9DC223



61575A



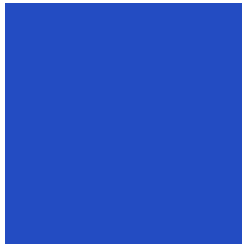
A10029



210009

Previews

White Background



This preview shows how the Hex color 234CC2 looks on a white background.

Color Contrast Check

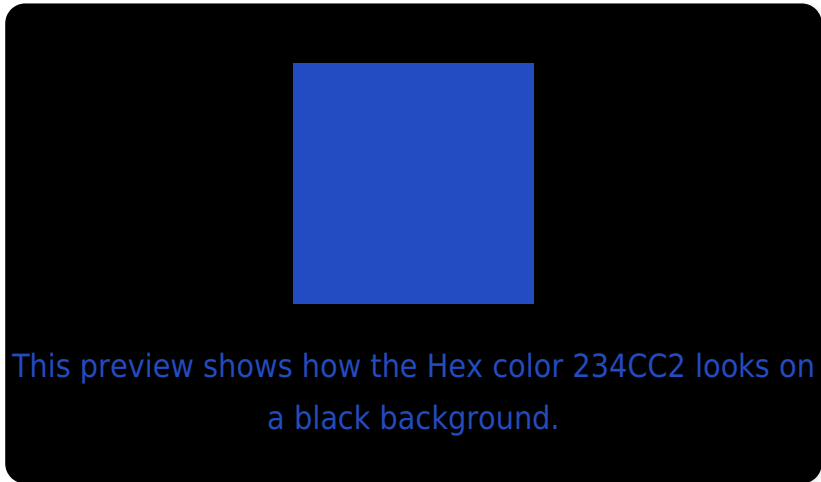
Large Text (above 18pt) WCAG AA ✓ Pass

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

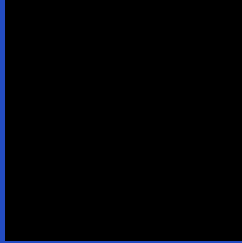
Any Text WCAG AA × Fail

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 234CC2 Background



This preview shows how black text looks on a background with the Hex color 234CC2.



This preview shows how white text looks on a background with the Hex color 234CC2.

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
234CC2

Protanopia
0053B0

Deuteranopia
005897



Trichromacy



Original Color
234CC2

Protanomaly
0D50B7

Deuteranomaly
0D54A7

Tritanomaly
0D5987

Monochromacy



Original Color
234CC2

Achromatopsia
4D4D4D

Achromatomaly
3E4D78

CSS Examples

Text

The CSS property to change the color of the text to Hex 234CC2 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 #234CC2 looks like.

```
.text, #text, p{  
    color:#234CC2  
}
```

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 #234CC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #234CC2
}
```

Border

The CSS property to change the border of an element to Hex 234CC2 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
#234CC2 }
```

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

```
.border{ border-color:#234CC2 }
```

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

Here you see how a box with a 4 pixel #234CC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #234CC2; -webkit-box-shadow:4px 4px  
4px 4px #234CC2; box-shadow:4px 4px 4px  
4px #234CC2 }
```

Background

The CSS property to change the background color of an element to Hex 234CC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#234CC2 }
```

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

```
.background{ background-color:#234CC2 }
```

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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