

Converting Colors

Hex(233FCC)

Have a look what the booklet for
Hex(233FCC) contains.

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Color

Hex(233FCC)

Conversions

Conversions Part 1

Format	Color
Hex	233FCC
RGB	35, 63, 204
RGB Percent	14%, 25%, 80%
CMY	0.8627, 0.7529, 0.2000
CMYK	0.83, 0.69, 0.00, 0.20
HSL	230°, 71%, 47%
HSV	230°, 83%, 80%
XYZ	13.3697, 8.2720, 58.0187
YIQ	70.7020, -61.9490, 37.9150

Conversions

Conversions Part 2

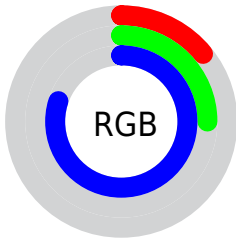
Format	Color
RYB	35, 59, 204
Decimal	2310092
CIELab	34.54, 42.18, -75.00
CIELCh	35, 86.046, 299.352
Yxy	8.2720, 0.1678, 0.1038
Android (android.graphics.Color)	4280500172 (0xFF233FCC)
YUV	70.7020, 65.7159, -31.3107
Hunter-Lab	28.7610, 32.6449, -99.4711

Details

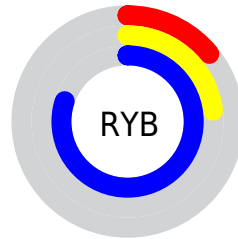
The Hex color **233FCC** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark muted blue. A complement of this color would be **CCB023**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **706FFF**, and **001594** is the 20% darker color. If you saturate the color by 10%, you get **0F2ECC**, and if you desaturate by 10%, it is **3750CC**.

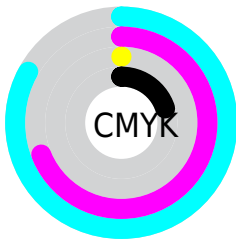
Distribution



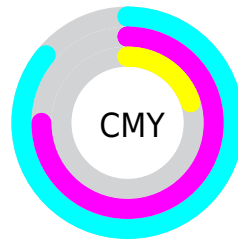
- Red (14%)
- Green (25%)
- Blue (80%)



- Red (14%)
- Yellow (23%)
- Blue (80%)



- Cyan (83%)
- Magenta (69%)
- Yellow (0%)
- Black (20%)



- Cyan (86%)
- Magenta (75%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 233FCC 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 233FCC by changing the saturation by 10% instead.

 233FCC

 233FCC

FFFFFF

 0029B0

 706FFF

 001594

 8F89FF

 00027A

 AEA3FF

 000160

 CDBEFF

 000847

 ECDAFF

 000430

 FFF7FF

 00011A

 000000

 233FCC

 233FCC

0F2ECC

3750CC

0022CC

4C61CC

6072CC

7583CC

8994CC

9DA5CC

B2B6CC

C6C7CC

DBD8CC

Harmonies

Analogous

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



005DDF



233FCC



9C0099

Triad

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



233FCC



982A00



00694E

Complementary

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



233FCC



CCB023

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.



006600



233FCC



654F00

Square

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



233FCC



B90014



135F00



006B94

Rectangle

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



233FCC



B8006D



135F00



006835

Sweetspot

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



233FCC



BFCAFF



23CCB0



596080



000000



808080

Same Dimension

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



233FCC



032CFF



5B23CC



5C5D66



001BA6



000626

Inverse Universe

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



CC233F



FF032C



94CC23



665C5D



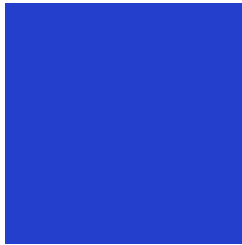
A6001B



260006

Previews

White Background



This preview shows how the Hex color 233FCC looks on a white background.

Color Contrast Check

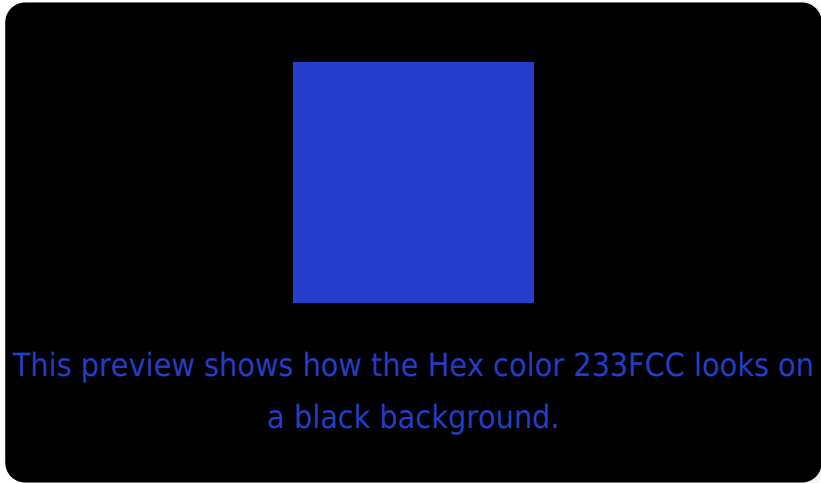
Large Text (above 18pt) WCAG AA ✓ Pass

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

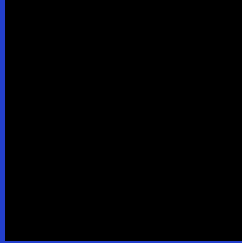
Any Text WCAG AA × Fail

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 233FCC Background



This preview shows how black text looks on a background with the Hex color 233FCC.



This preview shows how white text looks on a background with the Hex color 233FCC.

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
005A5F

Trichromacy



Original Color
233FCC

Protanomaly
0D49B3

Deuteranomaly
0D4CA3

Tritanomaly
0D5087

Monochromacy



Original Color
233FCC

Achromatopsia
474747

Achromatomaly
3A4477

CSS Examples

Text

The CSS property to change the color of the text to Hex 233FCC 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 #233FCC looks like.

```
.text, #text, p{  
    color:#233FCC  
}
```

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 #233FCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #233FCC
}
```

Border

The CSS property to change the border of an element to Hex 233FCC 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
#233FCC }
```

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

```
.border{ border-color:#233FCC }
```

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

Here you see how a box with a 4 pixel #233FCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #233FCC; -webkit-box-shadow:4px 4px  
4px 4px #233FCC; box-shadow:4px 4px 4px  
4px #233FCC }
```

Background

The CSS property to change the background color of an element to Hex 233FCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#233FCC }
```

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

```
.background{ background-color:#233FCC }
```

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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