

Converting Colors

Hex(383CCD)

Have a look what the booklet for
Hex(383CCD) contains.

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Color

Hex(383CCD)

Conversions

Conversions Part 1

Format	Color
Hex	383CCD
RGB	56, 60, 205
RGB Percent	22%, 24%, 80%
CMY	0.7804, 0.7647, 0.1961
CMYK	0.73, 0.71, 0.00, 0.20
HSL	238°, 60%, 51%
HSV	238°, 73%, 80%
XYZ	14.2662, 8.4802, 58.6425
YIQ	75.3340, -48.9290, 44.2470

Conversions

Conversions Part 2

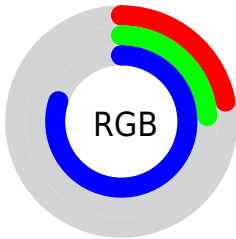
Format	Color
R_{YB}	56, 60, 205
Decimal	3685581
CIE _{Lab}	34.96, 46.05, -74.85
CIE _{LCh}	35, 87.885, 301.600
Yxy	8.4802, 0.1753, 0.1042
Android (android.graphics.Color)	4281875661 (0xFF383CCD)
YUV	75.3340, 63.9253, -16.9559
Hunter-Lab	29.1209, 36.4849, -99.0115

Details

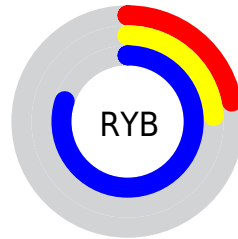
The Hex color **383CCD** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **CDC938**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7C6DFF**, and **000F95** is the 20% darker color. If you saturate the color by 10%, you get **2328CD**, and if you desaturate by 10%, it is **4D50CD**.

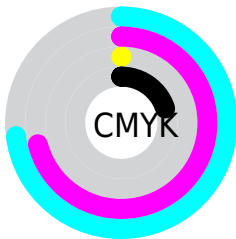
Distribution



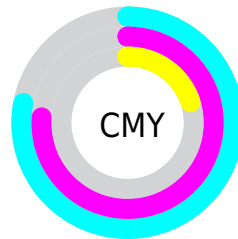
- Red (22%)
- Green (24%)
- Blue (80%)



- Red (22%)
- Yellow (24%)
- Blue (80%)



- Cyan (73%)
- Magenta (71%)
- Yellow (0%)
- Black (20%)



- Cyan (78%)
- Magenta (76%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 383CCD 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 383CCD by changing the saturation by 10% instead.

 383CCD

 383CCD

FFFFFF

 0025B1

 7C6DFF

 000F95

 9B86FF

 00007B

 B9A1FF

 000061

 D8BCFF

 000848

 F7D8FF

 000430

 FFF5FF

 00011B

 000000

 383CCD

 383CCD

■ 2328CD

■ 4D50CD

■ 0F14CD

■ 6164CD

■ 0006CD

■ 7678CD

■ 8A8CCD

■ 9FA0CD

■ B3B4CD

■ C8C8CD

■ DCDCCD

■ F1F0CD

Harmonies

Analogous

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



005DE3



383CCD



A30097

Triad

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



383CCD



972E00



006B54

Complementary

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



383CCD



CDC938

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.



006800



383CCD



625200

Square

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



383CCD



BB000D



006100



006C9B

Rectangle

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



383CCD



BD0069



006100



006A3B

Sweetspot

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



383CCD



C7C8FF



38CDC8



5E5F80



000000



808080

Same Dimension

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



383CCD



2127FF



7E38CD



5C5C66



0004A6



000126

Inverse Universe

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



CD383C



FF2127



87CD38



665C5C



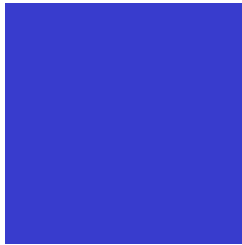
A60004



260001

Previews

White Background



This preview shows how the Hex color 383CCD looks on a white background.

Color Contrast Check

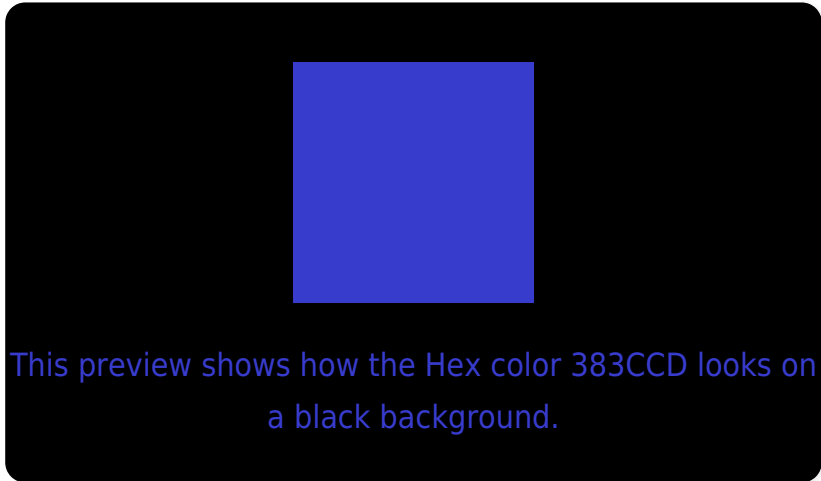
Large Text (above 18pt) WCAG AA ✓ Pass

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

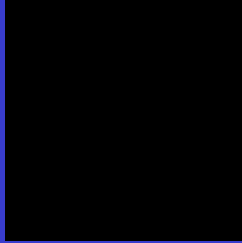
Any Text WCAG AA × Fail

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 383CCD Background



This preview shows how black text looks on a background with the Hex color 383CCD.



This preview shows how white text looks on a background with the Hex color 383CCD.

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
005B61

Trichromacy



Original Color
383CCD

Protanomaly
1448B4

Deuteranomaly
144BA5

Tritanomaly
145088

Monochromacy



Original Color
383CCD

Achromatopsia
4B4B4B

Achromatomaly
44467A

CSS Examples

Text

The CSS property to change the color of the text to Hex 383CCD 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 #383CCD looks like.

```
.text, #text, p{  
    color:#383CCD  
}
```

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 #383CCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383CCD
}
```

Border

The CSS property to change the border of an element to Hex 383CCD 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
#383CCD }
```

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

```
.border{ border-color:#383CCD }
```

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

Here you see how a box with a 4 pixel #383CCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383CCD; -webkit-box-shadow:4px 4px  
4px 4px #383CCD; box-shadow:4px 4px 4px  
4px #383CCD }
```

Background

The CSS property to change the background color of an element to Hex 383CCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383CCD }
```

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

```
.background{ background-color:#383CCD }
```

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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