

Converting Colors

Hex(3C3DCD)

Have a look what the booklet for
Hex(3C3DCD) contains.

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Color

Hex(3C3DCD)

Conversions

Conversions Part 1

Format	Color
Hex	3C3DCD
RGB	60, 61, 205
RGB Percent	24%, 24%, 80%
CMY	0.7647, 0.7608, 0.1961
CMYK	0.71, 0.70, 0.00, 0.20
HSL	240°, 59%, 52%
HSV	240°, 71%, 80%
XYZ	14.5517, 8.7059, 58.6711
YIQ	77.1170, -46.8200, 44.5720

Conversions

Conversions Part 2

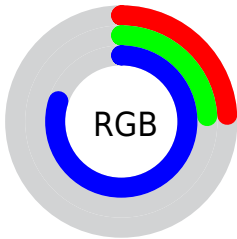
Format	Color
R_{YB}	60, 61, 205
Decimal	3947981
CIE _{Lab}	35.41, 45.88, -74.11
CIE _{LCh}	35, 87.160, 301.761
Yxy	8.7059, 0.1776, 0.1063
Android (android.graphics.Color)	4282138061 (0xFF3C3DCD)
YUV	77.1170, 63.0463, -15.0116
Hunter-Lab	29.5058, 36.3975, -97.2416

Details

The Hex color **3C3DCD** 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 **CDCC3C**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7F6EFF**, and **001095** is the 20% darker color. If you saturate the color by 10%, you get **2729CD**, and if you desaturate by 10%, it is **5151CD**.

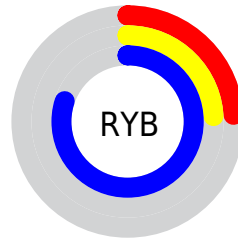
Distribution



Red (24%)

Green (24%)

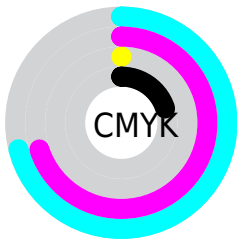
Blue (80%)



Red (24%)

Yellow (24%)

Blue (80%)

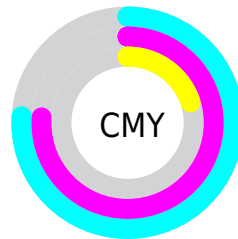


Cyan (71%)

Magenta (70%)

Yellow (0%)

Black (20%)



Cyan (76%)

Magenta (76%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C3DCD 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 3C3DCD by changing the saturation by 10% instead.

 3C3DCD

 3C3DCD

FFFFFF

 0026B1

 7F6EFF

 001095

 9D87FF

 00007B

 BCA2FF

 000061

 DABDFF

 000848

 F9D9FF

 000430

 FFF6FF

 00011B

 000000

 3C3DCD

 3C3DCD

■ 2729CD

■ 5151CD

■ 1314CD

■ 6566CD

■ 0001CD

■ 7A7ACD

■ 8E8ECD

■ A3A3CD

■ B7B7CD

■ CCCCCD

■ E0E0CD

■ F5F4CD

Harmonies

Analogous

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



005EE3



3C3DCD



A40097

Triad

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



3C3DCD



983000



006C56

Complementary

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



3C3DCD



CDCC3C

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



3C3DCD



635300

Square

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



3C3DCD



BB000E



006200



006D9C

Rectangle

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



3C3DCD



BE006A



006200



006B3D

Sweetspot

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



3C3DCD



C9CAFF



3CCDCB



606080



000000



808080

Same Dimension

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



3C3DCD



2628FF



823CCD



5C5C66



0001A6



000026

Inverse Universe

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



CD3C3D



FF2628



87CD3C



665C5C



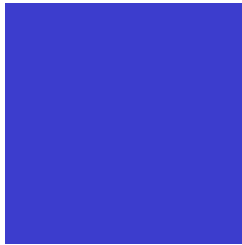
A60001



260000

Previews

White Background



This preview shows how the Hex color 3C3DCD looks on a white background.

Color Contrast Check

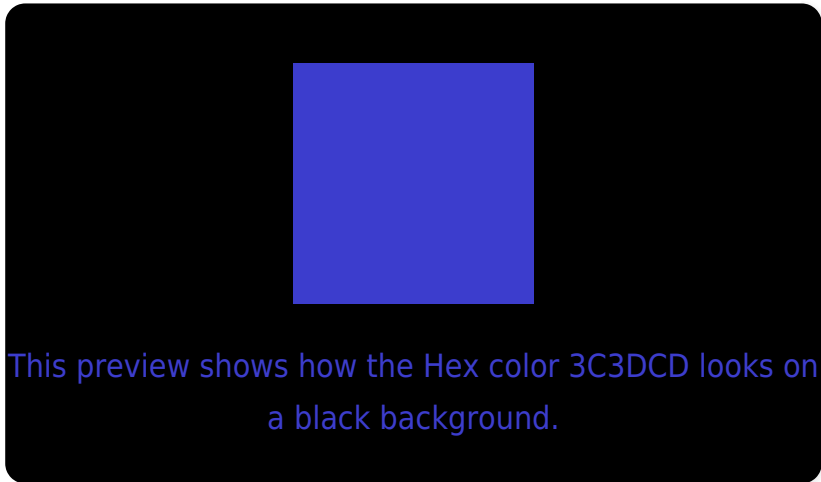
Large Text (above 18pt) WCAG AA ✓ Pass

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

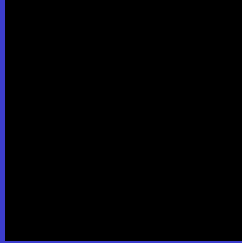
Any Text WCAG AA × Fail

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 3C3DCD Background



This preview shows how black text looks on a background with the Hex color 3C3DCD.

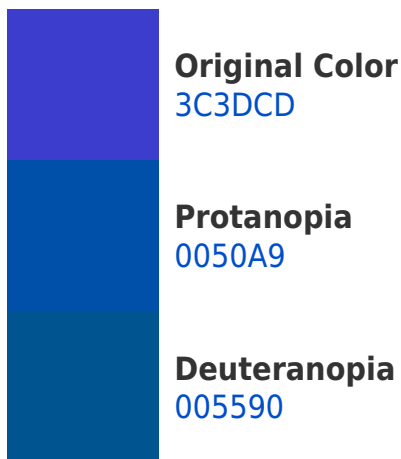


This preview shows how white text looks on a background with the Hex color 3C3DCD.

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
005C62

Trichromacy



Original Color
3C3DCD

Protanomaly
1649B6

Deuteranomaly
164CA6

Tritanomaly
165189

Monochromacy



Original Color
3C3DCD

Achromatopsia
4D4D4D

Achromatomaly
47477C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C3DCD 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 #3C3DCD looks like.

```
.text, #text, p{  
    color:#3C3DCD  
}
```

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 #3C3DCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C3DCD
}
```

Border

The CSS property to change the border of an element to Hex 3C3DCD 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
#3C3DCD }
```

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

```
.border{ border-color:#3C3DCD }
```

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

Here you see how a box with a 4 pixel #3C3DCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C3DCD; -webkit-box-shadow:4px 4px  
4px 4px #3C3DCD; box-shadow:4px 4px 4px  
4px #3C3DCD }
```

Background

The CSS property to change the background color of an element to Hex 3C3DCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C3DCD }
```

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

```
.background{ background-color:#3C3DCD }
```

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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