

Converting Colors

Hex(3745CA)

Have a look what the booklet for
Hex(3745CA) contains.

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Color

Hex(3745CA)

Conversions

Conversions Part 1

Format	Color
Hex	3745CA
RGB	55, 69, 202
RGB Percent	22%, 27%, 79%
CMY	0.7843, 0.7294, 0.2078
CMYK	0.73, 0.66, 0.00, 0.21
HSL	234°, 58%, 50%
HSV	234°, 73%, 79%
XYZ	14.3643, 9.3327, 56.9214
YIQ	79.9760, -51.0370, 38.3950

Conversions

Conversions Part 2

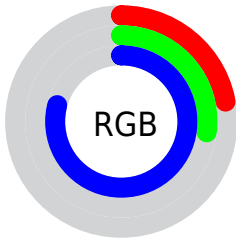
Format	Color
R_{YB}	55, 68, 202
Decimal	3622346
CIE _{Lab}	36.62, 39.53, -70.40
CIE _{LCh}	37, 80.736, 299.317
Yxy	9.3327, 0.1782, 0.1158
Android (android.graphics.Color)	4281812426 (0xFF3745CA)
YUV	79.9760, 60.1578, -21.9040
Hunter-Lab	30.5495, 30.4687, -89.0875

Details

The Hex color **3745CA** 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 **CABC37**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7A76FF**, and **001A93** is the 20% darker color. If you saturate the color by 10%, you get **2333CA**, and if you desaturate by 10%, it is **4B57CA**.

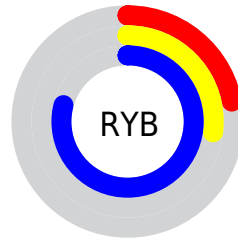
Distribution



Red (22%)

Green (27%)

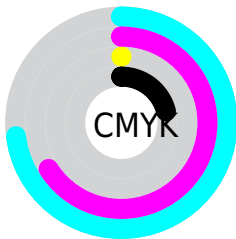
Blue (79%)



Red (22%)

Yellow (27%)

Blue (79%)

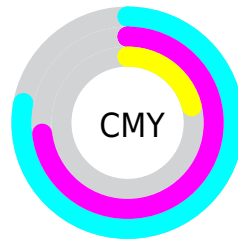


Cyan (73%)

Magenta (66%)

Yellow (0%)

Black (21%)



Cyan (78%)

Magenta (73%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3745CA 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 3745CA by changing the saturation by 10% instead.

■ 3745CA

■ 3745CA

FFFFFF

■ 002FAE

■ 7A76FF

■ 001A93

■ 998FFF

■ 000778

■ B7AFFF

■ 00005E

■ D5C5FF

■ 000846

■ F4E1FF

■ 00042E

FFFEFF

■ 000119

■ 000000

■ 3745CA

■ 3745CA

■ 2333CA

■ 4B57CA

■ 0F20CA

■ 5F6ACA

■ 0013CA

■ 747CCA

■ 888ECA

■ 9CA0CA

■ B0B3CA

■ C4C5CA

■ D9D7CA

■ EDE9CA

Harmonies

Analogous

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



0061DB



3745CA



9E009A

Triad

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



3745CA



9C3300



006E53

Complementary

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



3745CA



CAB37

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.



006B00



3745CA



6B5400

Square

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



3745CA



BB001C



256400



006F95

Rectangle

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



3745CA



B90070



256400



006D3C

Sweetspot

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



3745CA



C7CCFF



37CABB



5E6280



000000



808080

Same Dimension

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



3745CA



2136FF



7237CA



5C5D66



0010A6



000426

Inverse Universe

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



CA3745



FF2136



8FCA37



665C5D



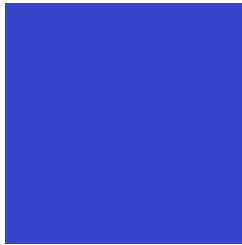
A60010



260004

Previews

White Background



This preview shows how the Hex color 3745CA looks on a white background.

Color Contrast Check

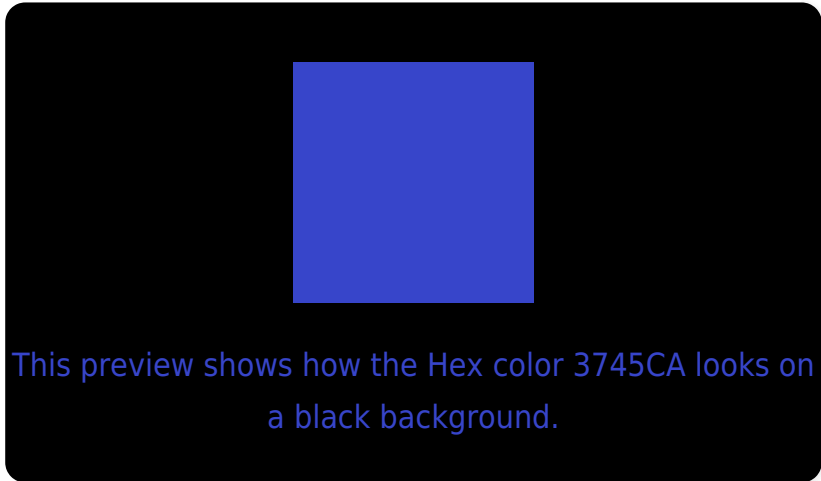
Large Text (above 18pt) WCAG AA ✓ Pass

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

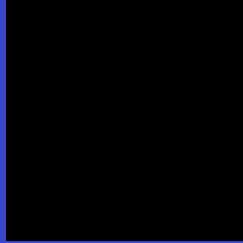
Any Text WCAG AA × Fail

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 3745CA Background



This preview shows how black text looks on a background with the Hex color 3745CA.



This preview shows how white text looks on a background with the Hex color 3745CA.

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
3745CA

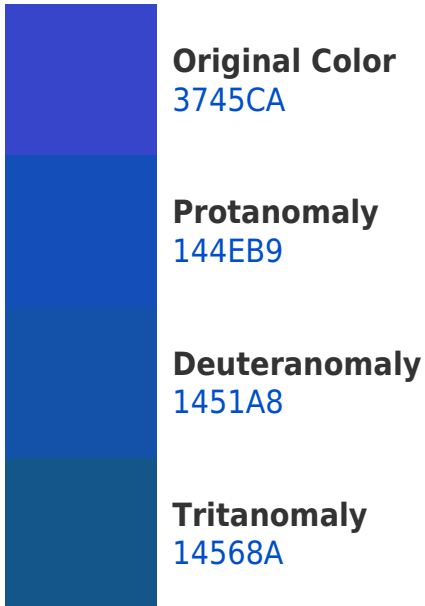
Protanopia
0053AF

Deuteranopia
005895



Tritanopia
005F65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3745CA 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 #3745CA looks like.

```
.text, #text, p{  
    color:#3745CA  
}
```

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 #3745CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3745CA
}
```

Border

The CSS property to change the border of an element to Hex 3745CA is called "border". The border property can be set on classes, ids or directly on the HTML element.

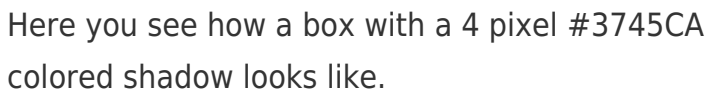
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3745CA }
```

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

```
.border{ border-color:#3745CA }
```

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



Here you see how a box with a 4 pixel #3745CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3745CA; -webkit-box-shadow:4px 4px  
4px 4px #3745CA; box-shadow:4px 4px 4px  
4px #3745CA }
```

Background

The CSS property to change the background color of an element to Hex 3745CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3745CA }
```

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

```
.background{ background-color:#3745CA }
```

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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