

Converting Colors

Hex(3965CA)

Have a look what the booklet for
Hex(3965CA) contains.

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Color

Hex(3965CA)

Conversions

Conversions Part 1

Format	Color
Hex	3965CA
RGB	57, 101, 202
RGB Percent	22%, 40%, 79%
CMY	0.7765, 0.6039, 0.2078
CMYK	0.72, 0.50, 0.00, 0.21
HSL	222°, 58%, 51%
HSV	222°, 72%, 79%
XYZ	17.0017, 14.4415, 57.7685
YIQ	99.3580, -58.6450, 22.0830

Conversions

Conversions Part 2

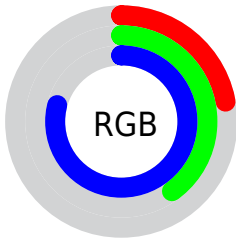
Format	Color
RYB	57, 91, 202
Decimal	3761610
CIELab	44.86, 19.40, -56.98
CIELCh	45, 60.191, 288.799
Yxy	14.4415, 0.1906, 0.1619
Android (android.graphics.Color)	4281951690 (0xFF3965CA)
YUV	99.3580, 50.6025, -37.1480
Hunter-Lab	38.0020, 13.3557, -63.5281

Details

The Hex color **3965CA** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **CA9E39**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **7997FF**, and **003793** is the 20% darker color. If you saturate the color by 10%, you get **2557CA**, and if you desaturate by 10%, it is **4D73CA**.

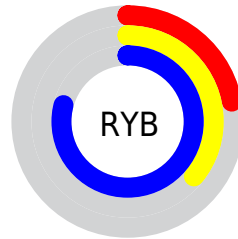
Distribution



Red (22%)

Green (40%)

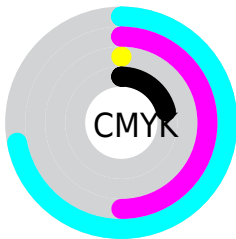
Blue (79%)



Red (22%)

Yellow (36%)

Blue (79%)

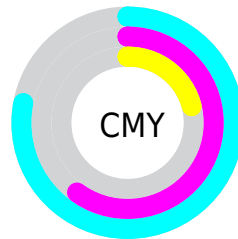


Cyan (72%)

Magenta (50%)

Yellow (0%)

Black (21%)



Cyan (78%)

Magenta (60%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3965CA 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 3965CA by changing the saturation by 10% instead.

■ 3965CA

■ 3965CA

FFFFFF

■ 004DAE

■ 7997FF

■ 003793

■ 97B2FF

■ 002379

■ B5CDFF

■ 00105F

■ D3E9FF

■ 000847

■ F1FFFF

■ 00042F

■ 00011A

■ 000000

■ 3965CA

■ 3965CA

■ 2557CA

■ 4D73CA

■ 1149CA

■ 6181CA

■ 003DCA

■ 768FCA

■ 8A9DCA

■ 9EABCA

■ B2B9CA

■ C6C7CA

■ DBD6CA

■ EFE4CA

Harmonies

Analogous

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



0076CD



3965CA



934DAD

Triad

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



3965CA



B14A1E



007F55

Complementary

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



3965CA



CA9E39

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.



1B7B21



3965CA



906100

Square

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



3965CA



C2344D



637100



008189

Rectangle

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



3965CA



B03C90



637100



007E44

Sweetspot

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



3965CA



C7D8FF



39CA9C



5E6880



000000



808080

Same Dimension

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



3965CA



2466FF



5439CA



5C5F66



0032A6



000C26

Inverse Universe

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



CA3965



FF2466



AFCA39



665C5F



A60032



26000C

Previews

White Background



This preview shows how the Hex color 3965CA looks on a white background.

Color Contrast Check

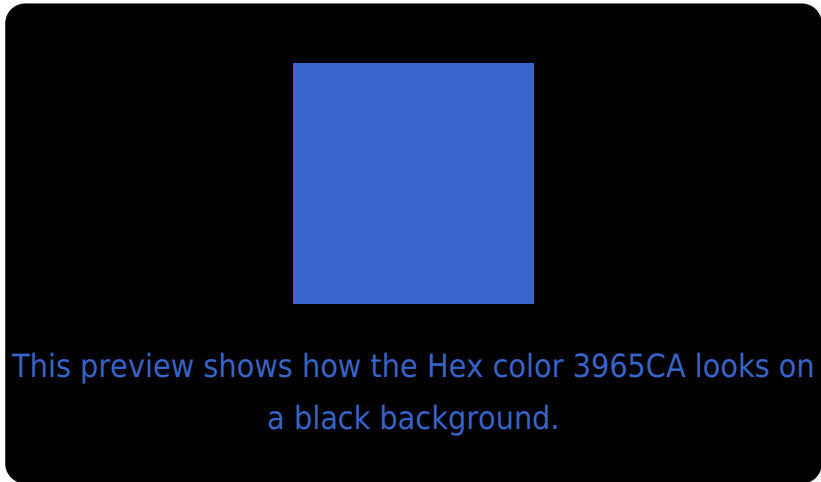
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

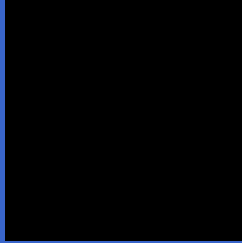
Any Text WCAG AA × Fail

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 3965CA Background



This preview shows how black text looks on a background with the Hex color 3965CA.



This preview shows how white text looks on a background with the Hex color 3965CA.

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](#).

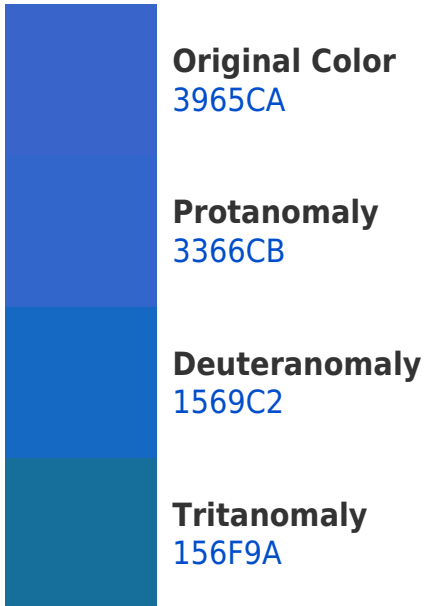
Dichromacy





Tritanopia
00757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3965CA 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 #3965CA looks like.

```
.text, #text, p{  
    color:#3965CA  
}
```

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 #3965CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3965CA
}
```

Border

The CSS property to change the border of an element to Hex 3965CA 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
#3965CA }
```

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

```
.border{ border-color:#3965CA }
```

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

Here you see how a box with a 4 pixel #3965CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3965CA; -webkit-box-shadow:4px 4px  
4px 4px #3965CA; box-shadow:4px 4px 4px  
4px #3965CA }
```

Background

The CSS property to change the background color of an element to Hex 3965CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3965CA }
```

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

```
.background{ background-color:#3965CA }
```

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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