

Converting Colors

Hex(3C6DB9)

Have a look what the booklet for
Hex(3C6DB9) contains.

Hex(3C6DB9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3C6DB9)

Conversions

Conversions Part 1

Format	Color
Hex	3C6DB9
RGB	60, 109, 185
RGB Percent	24%, 43%, 73%
CMY	0.7647, 0.5725, 0.2745
CMYK	0.68, 0.41, 0.00, 0.27
HSL	216°, 51%, 48%
HSV	216°, 68%, 73%
XYZ	16.0891, 15.4007, 48.0236
YIQ	103.0130, -53.6000, 13.2480

Conversions

Conversions Part 2

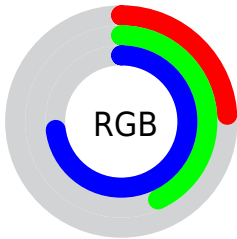
Format	Color
RYB	60, 95, 185
Decimal	3960249
CIELab	46.18, 8.58, -45.04
CIELCh	46, 45.846, 280.785
Yxy	15.4007, 0.2023, 0.1937
Android (android.graphics.Color)	4282150329 (0xFF3C6DB9)
YUV	103.0130, 40.4196, -37.7224
Hunter-Lab	39.2438, 4.5045, -45.0841




Details

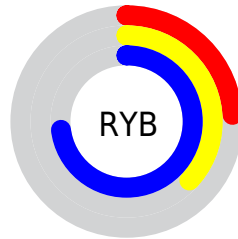
The Hex color **3C6DB9** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B9883C**, and the grayscale version is **676767**.




A 20% lighter version of the original color is **78A0F2**, and **003E83** is the 20% darker color. If you saturate the color by 10%, you get **2A62B9**, and if you desaturate by 10%, it is **4E78B9**.

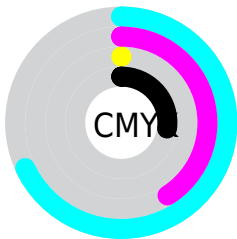
Distribution







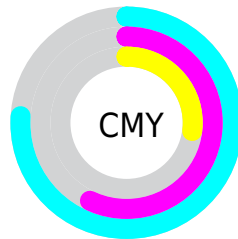
-  Red (24%)
-  Green (43%)
-  Blue (73%)






-  Red (24%)
-  Yellow (37%)
-  Blue (73%)



-  Cyan (68%)
-  Magenta (41%)
-  Yellow (0%)
-  Black (27%)



-  Cyan (76%)
-  Magenta (57%)
-  Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C6DB9 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 3C6DB9 by changing the saturation by 10% instead.

■ 3C6DB9

■ 3C6DB9

FFFFFF

■ 14559E

■ 78A0F2

■ 003E83

■ 95BBFF

■ 00296A

■ B2D7FF

■ 001651

■ CFF3FF

■ 000539

■ EDFFFF

■ 000223

■ 00000A

■ 000000

■ 3C6DB9

■ 3C6DB9

■ 2A62B9

■ 4E78B9

■ 1757B9

■ 6183B9

■ 044BB9

■ 748FB9

■ 0049B9

■ 869AB9

■ 99A5B9

■ ABB0B9

■ BDBC B9

■ D0C7B9

■ E3D2B9

Harmonies

Analogous

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



0078B6



3C6DB9



815DA8

Triad

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



3C6DB9



AD533D



007E53

Complementary

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



3C6DB9



B9883C

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.



4B7930



3C6DB9



966222

Square

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



3C6DB9



B44A61



75701A



00807B

Rectangle

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



3C6DB9



9D5394



75701A



1F7D46

Sweetspot

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



3C6DB9



C0D3F0



3CB987



5B6678



F7F7F7



787878

Same Dimension

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



3C6DB9



2E7AF0



483CB9



53565C



003D9C



000B1C

Inverse Universe

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



B93C6D



F02E7A



ADB93C



5C5356



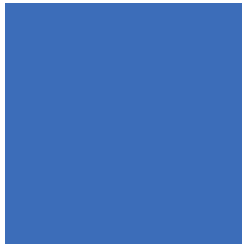
9C003D



1C000B

Previews

White Background



This preview shows how the Hex color 3C6DB9 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



This preview shows how the Hex color 3C6DB9 looks on a 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 3C6DB9 Background



This preview shows how black text looks on a background with the Hex color 3C6DB9.

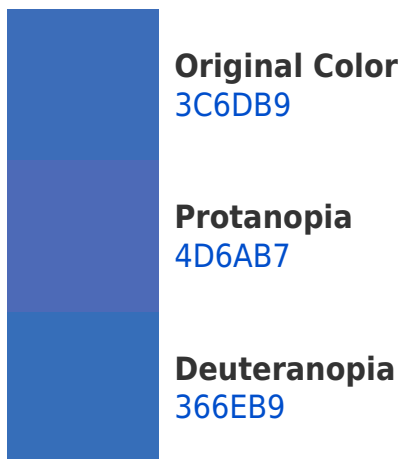


This preview shows how white text looks on a background with the Hex color 3C6DB9.

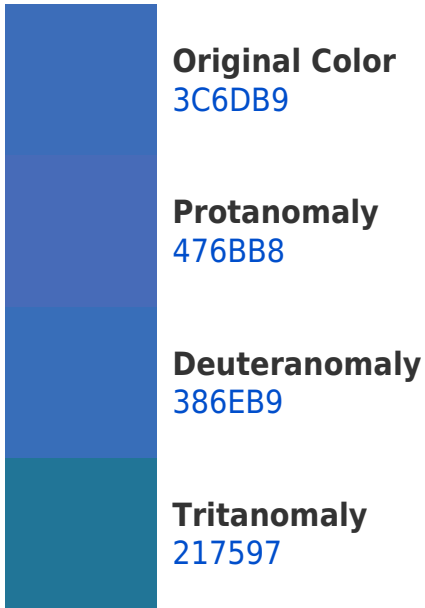
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C6DB9 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 #3C6DB9 looks like.

```
.text, #text, p{  
    color:#3C6DB9  
}
```

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 #3C6DB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6DB9
}
```

Border

The CSS property to change the border of an element to Hex 3C6DB9 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
#3C6DB9 }
```

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

```
.border{ border-color:#3C6DB9 }
```

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

Here you see how a box with a 4 pixel #3C6DB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6DB9; -webkit-box-shadow:4px 4px  
4px 4px #3C6DB9; box-shadow:4px 4px 4px  
4px #3C6DB9 }
```

Background

The CSS property to change the background color of an element to Hex 3C6DB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6DB9 }
```

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

```
.background{ background-color:#3C6DB9 }
```

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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