

Converting Colors

Hex(3D61CC)

Have a look what the booklet for
Hex(3D61CC) contains.

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Color

Hex(3D61CC)

Conversions

Conversions Part 1

Format	Color
Hex	3D61CC
RGB	61, 97, 204
RGB Percent	24%, 38%, 80%
CMY	0.7608, 0.6196, 0.2000
CMYK	0.70, 0.52, 0.00, 0.20
HSL	225°, 58%, 52%
HSV	225°, 70%, 80%
XYZ	17.0982, 13.9011, 58.9088
YIQ	98.4340, -55.8030, 25.6450

Conversions

Conversions Part 2

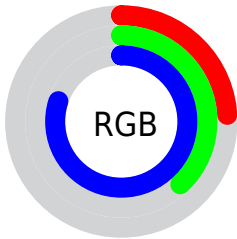
Format	Color
R_{YB}	61, 90, 204
Decimal	4022732
CIE _{Lab}	44.09, 23.24, -59.36
CIE _{LCh}	44, 63.751, 291.382
Yxy	13.9011, 0.1902, 0.1546
Android (android.graphics.Color)	4282212812 (0xFF3D61CC)
YUV	98.4340, 52.0440, -32.8296
Hunter-Lab	37.2842, 16.6113, -67.5788

Details

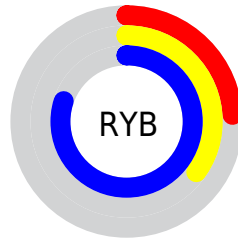
The Hex color **3D61CC** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **CCA83D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7D93FF**, and **003495** is the 20% darker color. If you saturate the color by 10%, you get **2952CC**, and if you desaturate by 10%, it is **5170CC**.

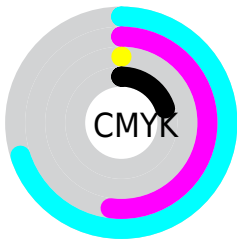
Distribution



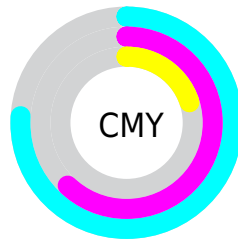
- Red (24%)
- Green (38%)
- Blue (80%)



- Red (24%)
- Yellow (35%)
- Blue (80%)



- Cyan (70%)
- Magenta (52%)
- Yellow (0%)
- Black (20%)



- Cyan (76%)
- Magenta (62%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D61CC 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 3D61CC by changing the saturation by 10% instead.

■ 3D61CC

■ 3D61CC

FFFFFF

■ 0B4AB0

■ 7D93FF

■ 003495

■ 9BAEFF

■ 00207A

■ B8C9FF

■ 000B61

■ D6E5FF

■ 000848

■ F5FFFF

■ 000431

■ 00011B

■ 000000

■ 3D61CC

■ 3D61CC

■ 2952CC

■ 5170CC

■ 1442CC

■ 6680CC

■ 0033CC

■ 7A8FCC

■ 8F9ECC

■ A3ADCC

■ B7BDCC

■ CCCCCC

■ E0DBCC

■ F5EACC

Harmonies

Analogous

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



0073D2



3D61CC



9846AB

Triad

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



3D61CC



B04810



007E57

Complementary

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



3D61CC



CCA83D

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.



007A1E



3D61CC



8B6100

Square

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



3D61CC



C32D45



5A7100



007F8E

Rectangle

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



3D61CC



B5328B



5A7100



007D44

Sweetspot

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



3D61CC



C9D7FF



3DCCA6



606880



000000



808080

Same Dimension

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



3D61CC



295FFF



5E3DCC



5C5E66



002AA6



000A26

Inverse Universe

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



CC3D61



FF295F



ABCC3D



665C5E



A6002A



26000A

Previews

White Background



This preview shows how the Hex color 3D61CC looks on a white background.

Color Contrast Check

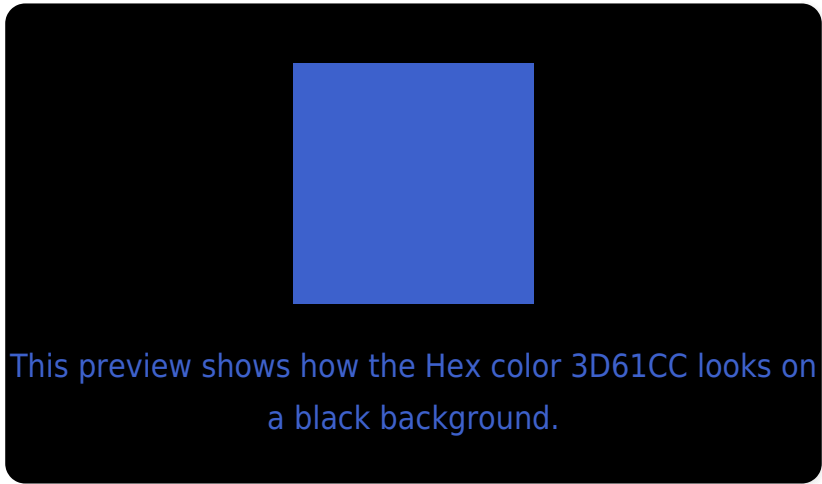
Large Text (above 18pt) WCAG AA ✓ Pass

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

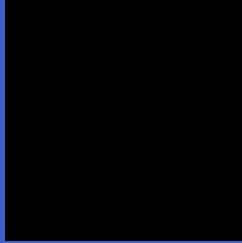
Any Text WCAG AA × Fail

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 3D61CC Background



This preview shows how black text looks on a background with the Hex color 3D61CC.

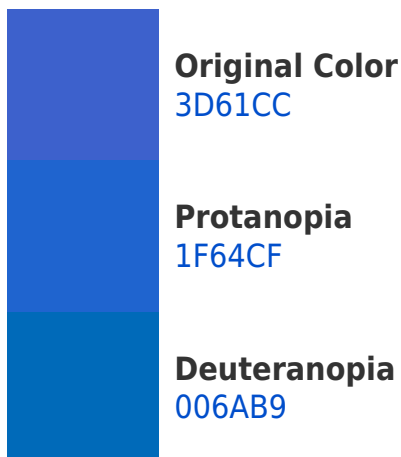


This preview shows how white text looks on a background with the Hex color 3D61CC.

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](#).

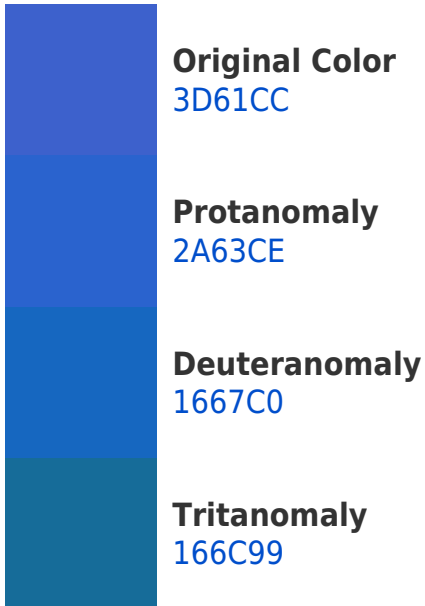
Dichromacy



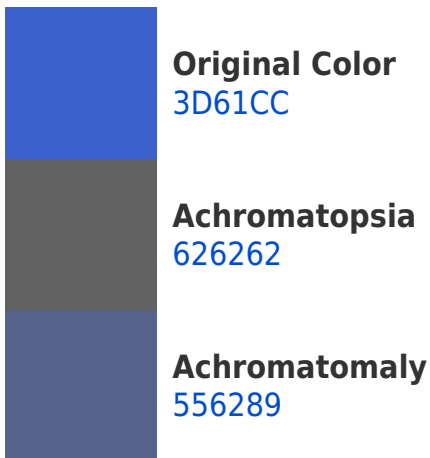


Tritanopia
00737C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D61CC 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 #3D61CC looks like.

```
.text, #text, p{  
    color:#3D61CC  
}
```

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 #3D61CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D61CC
}
```

Border

The CSS property to change the border of an element to Hex 3D61CC 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
#3D61CC }
```

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

```
.border{ border-color:#3D61CC }
```

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

Here you see how a box with a 4 pixel #3D61CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D61CC; -webkit-box-shadow:4px 4px  
4px 4px #3D61CC; box-shadow:4px 4px 4px  
4px #3D61CC }
```

Background

The CSS property to change the background color of an element to Hex 3D61CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D61CC }
```

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

```
.background{ background-color:#3D61CC }
```

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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