

Converting Colors

Hex(3621CC)

Have a look what the booklet for
Hex(3621CC) contains.

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Color

Hex(3621CC)

Conversions

Conversions Part 1

Format	Color
Hex	3621CC
RGB	54, 33, 204
RGB Percent	21%, 13%, 80%
CMY	0.7882, 0.8706, 0.2000
CMYK	0.74, 0.84, 0.00, 0.20
HSL	247°, 72%, 46%
HSV	247°, 84%, 80%
XYZ	12.9643, 6.2316, 57.6463
YIQ	58.7730, -42.3750, 57.6330

Conversions

Conversions Part 2

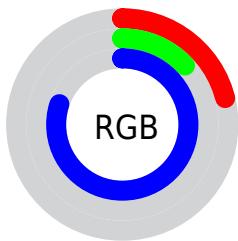
Format	Color
RYB	54, 33, 204
Decimal	3547596
CIELab	29.99, 59.15, -82.50
CIELCh	30, 101.516, 305.638
Yxy	6.2316, 0.1687, 0.0811
Android (android.graphics.Color)	4281737676 (0xFF3621CC)
YUV	58.7730, 71.5969, -4.1859
Hunter-Lab	24.9632, 49.0157, -119.4412

Details

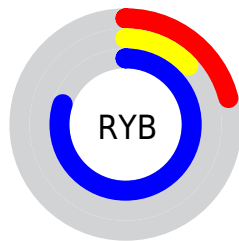
The Hex color **3621CC** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **B7CC21**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **7C54FF**, and **000094** is the 20% darker color. If you saturate the color by 10%, you get **240DCC**, and if you desaturate by 10%, it is **4835CC**.

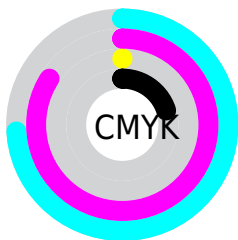
Distribution



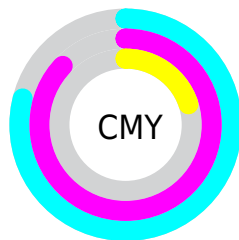
- Red (21%)
- Green (13%)
- Blue (80%)



- Red (21%)
- Yellow (13%)
- Blue (80%)



- Cyan (74%)
- Magenta (84%)
- Yellow (0%)
- Black (20%)



- Cyan (79%)
- Magenta (87%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3621CC 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 3621CC by changing the saturation by 10% instead.

 3621CC

 3621CC

FFFFFF

 0002B0

 7C54FF

 000094

 9C6EFF

 000079

 BB89FF

 00025F

 DAA4FF

 000847

 F9C0FF

 00042F

 FFD0FF

 000119

 FFF9FF

 000000

 3621CC

 3621CC

■ 240DCC

■ 4835CC

■ 1900CC

■ 5A4ACC

■ 6C5ECC

■ 7E73CC

■ 8F87CC

■ A19BCC

■ B3B0CC

■ C5C4CC

■ D7D9CC

Harmonies

Analogous

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



0052EB



3621CC



A7008A

Triad

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



3621CC



882100



005F55

Complementary

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



3621CC



B7CC21

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.



005D00



3621CC



4A4A00

Square

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



3621CC



B30000



005800



0061A4

Rectangle

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



3621CC



BF0056



005800



005E39

Sweetspot

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



3621CC



C7BFFF



21B8CC



5E5980



000000



808080

Same Dimension

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



3621CC



1F00FF



8A21CC



5D5C66



1400A6



050026

Inverse Universe

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



CC21B7



FF00E0



63CC21



665C65



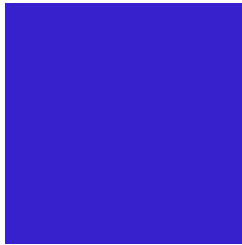
A60091



260022

Previews

White Background



This preview shows how the Hex color 3621CC 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

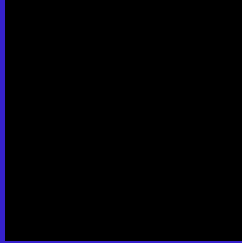
Any Text WCAG AA × Fail

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 3621CC Background



This preview shows how black text looks on a background with the Hex color 3621CC.

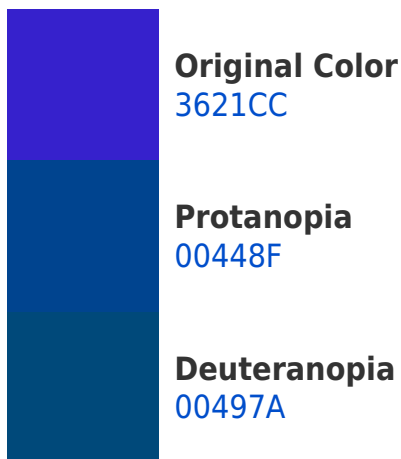


This preview shows how white text looks on a background with the Hex color 3621CC.

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
004E53

Trichromacy



Original Color
3621CC

Protanomaly
1437A5

Deuteranomaly
143A98

Tritanomaly
143E7F

Monochromacy



Original Color
3621CC

Achromatopsia
3B3B3B

Achromatomaly
393270

CSS Examples

Text

The CSS property to change the color of the text to Hex 3621CC 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 #3621CC looks like.

```
.text, #text, p{  
    color:#3621CC  
}
```

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 #3621CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3621CC
}
```

Border

The CSS property to change the border of an element to Hex 3621CC 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".

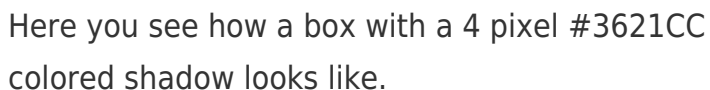
```
.border, #border, table{ border:4px solid
#3621CC }
```

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

```
.border{ border-color:#3621CC }
```

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

Here you see how a box with a 4 pixel #3621CC colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3621CC; -webkit-box-shadow:4px 4px  
4px 4px #3621CC; box-shadow:4px 4px 4px  
4px #3621CC }
```

Background

The CSS property to change the background color of an element to Hex 3621CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3621CC }
```

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

```
.background{ background-color:#3621CC }
```

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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