

Converting Colors

Hex(3627CC)

Have a look what the booklet for
Hex(3627CC) contains.

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Color

Hex(3627CC)

Conversions

Conversions Part 1

Format	Color
Hex	3627CC
RGB	54, 39, 204
RGB Percent	21%, 15%, 80%
CMY	0.7882, 0.8471, 0.2000
CMYK	0.74, 0.81, 0.00, 0.20
HSL	245°, 68%, 48%
HSV	245°, 81%, 80%
XYZ	13.1459, 6.5949, 57.7068
YIQ	62.2950, -44.0250, 54.4950

Conversions

Conversions Part 2

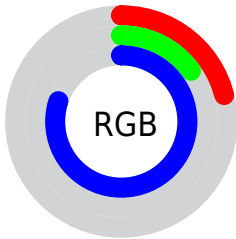
Format	Color
RYB	54, 39, 204
Decimal	3549132
CIELab	30.87, 56.57, -81.05
CIELCh	31, 98.835, 304.912
Yxy	6.5949, 0.1697, 0.0852
Android (android.graphics.Color)	4281739212 (0xFF3627CC)
YUV	62.2950, 69.8606, -7.2747
Hunter-Lab	25.6806, 46.4332, -115.2539

Details

The Hex color **3627CC** 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 **BDCC27**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **7C59FF**, and **000094** is the 20% darker color. If you saturate the color by 10%, you get **2313CC**, and if you desaturate by 10%, it is **493BCC**.

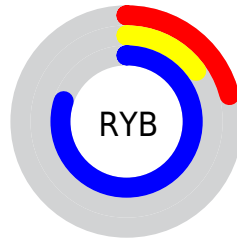
Distribution



 Red (21%)

 Green (15%)

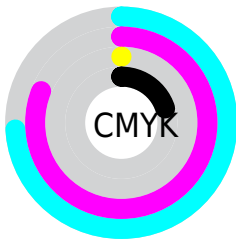
 Blue (80%)




 Red (21%)

 Yellow (15%)

 Blue (80%)

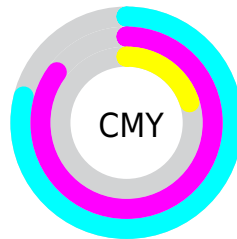


 Cyan (74%)

 Magenta (81%)

 Yellow (0%)

 Black (20%)



 Cyan (79%)

 Magenta (85%)

 Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3627CC 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 3627CC by changing the saturation by 10% instead.

 3627CC

 3627CC

FFFFFF

 000CB0

 7C59FF

 000094

 9B73FF

 000079

 BA8DFF

 00025F

 D9A8FF

 000847

 F8C4FF

 00042F

 FFE1FF

 00011A

FFFEFF

 000000

 3627CC

 3627CC

■ 2313CC

■ 493BCC

■ 1300CC

■ 5B50CC

■ 6E64CC

■ 8079CC

■ 938DCC

■ A5A1CC

■ B8B6CC

■ CACACC

■ DDDFCC

Harmonies

Analogous

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



0053EA



3627CC



A6008C

Triad

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



3627CC



8B2300



006154

Complementary

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



3627CC



BDCC27

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.



005F00



3627CC



4F4B00

Square

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



3627CC



B40000



005900



0063A2

Rectangle

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



3627CC



BF005A



005900



006039

Sweetspot

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



3627CC



C7C2FF



27BECC



5E5B80



000000



808080

Same Dimension

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



3627CC



1E08FF



8727CC



5D5C66



0F00A6



030026

Inverse Universe

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



CC27BD



FF08E9



6CCC27



665C65



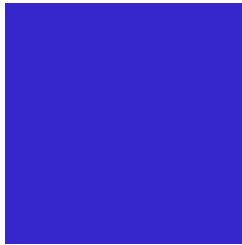
A60097



260023

Previews

White Background



This preview shows how the Hex color 3627CC looks on a white background.

Color Contrast Check

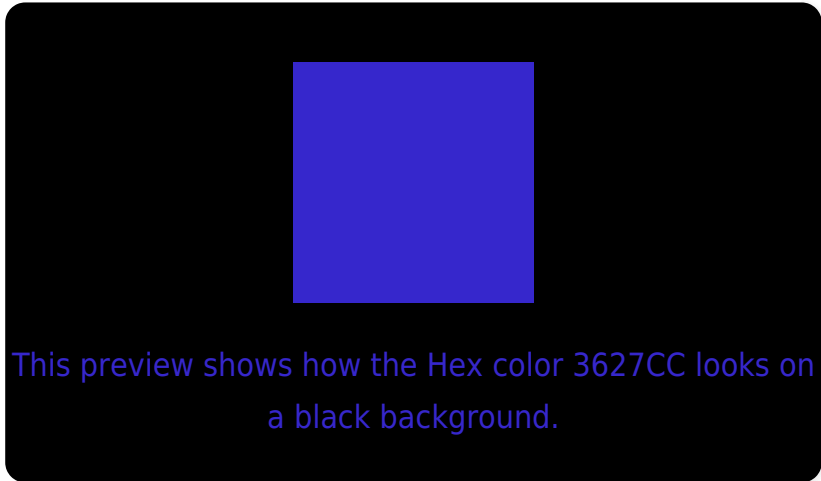
Large Text (above 18pt) WCAG AA ✓ Pass

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

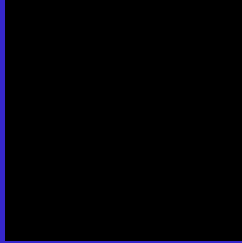
Any Text WCAG AA × Fail

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 3627CC Background



This preview shows how black text looks on a background with the Hex color 3627CC.



This preview shows how white text looks on a background with the Hex color 3627CC.

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



Original Color
3627CC

Protanomaly
143BA8

Deuteranomaly
143E9A

Tritanomaly
144280

Monochromacy



Original Color
3627CC

Achromatopsia
3E3E3E

Achromatomaly
3B3672

CSS Examples

Text

The CSS property to change the color of the text to Hex 3627CC 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 #3627CC looks like.

```
.text, #text, p{  
    color:#3627CC  
}
```

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 #3627CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3627CC
}
```

Border

The CSS property to change the border of an element to Hex 3627CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

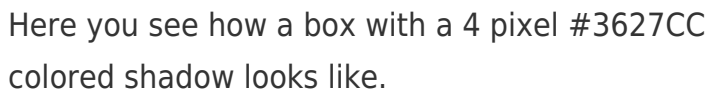
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3627CC }
```

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

```
.border{ border-color:#3627CC }
```

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



Here you see how a box with a 4 pixel #3627CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3627CC; -webkit-box-shadow:4px 4px  
4px 4px #3627CC; box-shadow:4px 4px 4px  
4px #3627CC }
```

Background

The CSS property to change the background color of an element to Hex 3627CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3627CC }
```

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

```
.background{ background-color:#3627CC }
```

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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