

Converting Colors

Hex(3729C5)

Have a look what the booklet for
Hex(3729C5) contains.

| | |
|--|----|
| Hex(3729C5) | 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(3729C5)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 3729C5 |
| RGB | 55, 41, 197 |
| RGB Percent | 22%, 16%, 77% |
| CMY | 0.7843, 0.8392, 0.2275 |
| CMYK | 0.72, 0.79, 0.00, 0.23 |
| HSL | 245°, 66%, 47% |
| HSV | 245°, 79%, 77% |
| XYZ | 12.4465, 6.4293, 53.4083 |
| YIQ | 62.9700, -41.7320, 51.4840 |

Conversions

Conversions Part 2

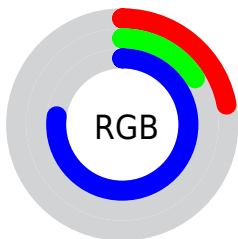
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 55, 41, 197 |
| Decimal | 3615173 |
| CIELab | 30.47, 53.60, -77.61 |
| CIELCh | 30, 94.319, 304.632 |
| Yxy | 6.4293, 0.1722, 0.0889 |
| Android (android.graphics.Color) | 4281805253 (0xFF3729C5) |
| YUV | 62.9700, 66.0768, -6.9897 |
| Hunter-Lab | 25.3561, 43.2470, -107.1350 |

Details

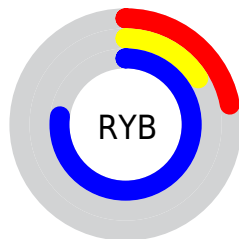
The Hex color **3729C5** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **B7C529**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **7B5AFF**, and **00008E** is the 20% darker color. If you saturate the color by 10%, you get **2515C5**, and if you desaturate by 10%, it is **493DC5**.

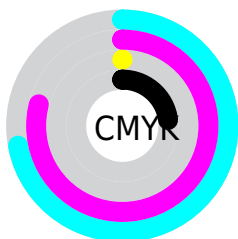
Distribution



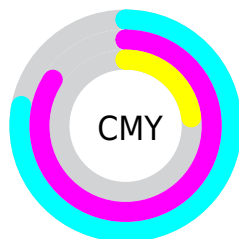
- Red (22%)
- Green (16%)
- Blue (77%)



- Red (22%)
- Yellow (16%)
- Blue (77%)



- Cyan (72%)
- Magenta (79%)
- Yellow (0%)
- Black (23%)



- Cyan (78%)
- Magenta (84%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3729C5 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 3729C5 by changing the saturation by 10% instead.

 3729C5

 3729C5

FFFFFF

 000FA9

 7B5AFF

 00008E

 9A74FF

 000073

 B88EFF

 000359

 D7A9FF

 000741

 F6C5FF

 00032A

 FFE2FF

 000114

 000000

 3729C5

 3729C5

 2515C5

 493DC5

 1302C5

 5B50C5

 1200C5

 6D64C5

 7F78C5

 918BC5

 A39FC5

 B5B3C5

 C6C7C5

 D8DAC5

Harmonies

Analogous

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



0052E1



3729C5



A10089

Triad

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



3729C5



882400



005F52

Complementary

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



3729C5



B7C529

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



3729C5



4F4A00

Square

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



3729C5



AF0000



005800



00619C

Rectangle

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



3729C5



B80059



005800



005F38

Sweetspot

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



3729C5



C7C2FF



29B8C5



5E5B80



000000



808080

Same Dimension

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



3729C5



220DFF



8429C5



5A5A63



0F00A3



030024

Inverse Universe

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



C529B7



FF0DE9



6AC529



635A63



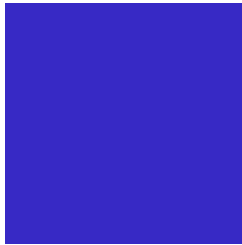
A30095



240020

Previews

White Background



This preview shows how the Hex color 3729C5 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

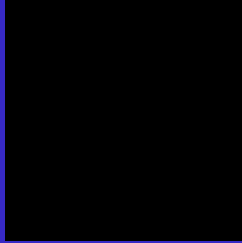
Any Text WCAG AA × Fail

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 3729C5 Background



This preview shows how black text looks on a background with the Hex color 3729C5.



This preview shows how white text looks on a background with the Hex color 3729C5.

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
3729C5

Protanomaly
143BA4

Deuteranomaly
143E97

Tritanomaly
14427D

Monochromacy



Original Color
3729C5

Achromatopsia
3F3F3F

Achromatomaly
3C3770

CSS Examples

Text

The CSS property to change the color of the text to Hex 3729C5 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 #3729C5 looks like.

```
.text, #text, p{  
    color:#3729C5  
}
```

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 #3729C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3729C5
}
```

Border

The CSS property to change the border of an element to Hex 3729C5 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".

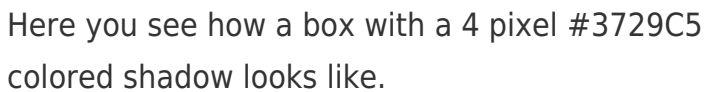
```
.border, #border, table{ border:4px solid
#3729C5 }
```

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

```
.border{ border-color:#3729C5 }
```

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

Here you see how a box with a 4 pixel #3729C5 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3729C5; -webkit-box-shadow:4px 4px  
4px 4px #3729C5; box-shadow:4px 4px 4px  
4px #3729C5 }
```

Background

The CSS property to change the background color of an element to Hex 3729C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3729C5 }
```

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

```
.background{ background-color:#3729C5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor