

Converting Colors

Hex(3718C2)

Have a look what the booklet for
Hex(3718C2) contains.

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Color

Hex(3718C2)

Conversions

Conversions Part 1

Format	Color
Hex	3718C2
RGB	55, 24, 194
RGB Percent	22%, 9%, 76%
CMY	0.7843, 0.9059, 0.2392
CMYK	0.72, 0.88, 0.00, 0.24
HSL	251°, 78%, 43%
HSV	251°, 88%, 76%
XYZ	11.6398, 5.3605, 51.4601
YIQ	52.6490, -36.0940, 59.4420

Conversions

Conversions Part 2

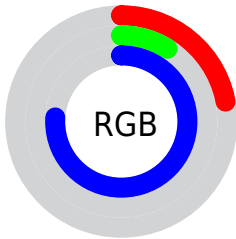
Format	Color
RYB	55, 24, 194
Decimal	3610818
CIELab	27.74, 59.77, -80.38
CIELCh	28, 100.165, 306.636
Yxy	5.3605, 0.1700, 0.0783
Android (android.graphics.Color)	4281800898 (0xFF3718C2)
YUV	52.6490, 69.6860, 2.0618
Hunter-Lab	23.1528, 49.2211, -115.5727

Details

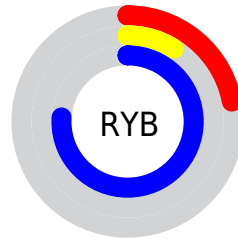
The Hex color **3718C2** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **A3C218**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **7C4DFC**, and **00008B** is the 20% darker color. If you saturate the color by 10%, you get **2705C2**, and if you desaturate by 10%, it is **472BC2**.

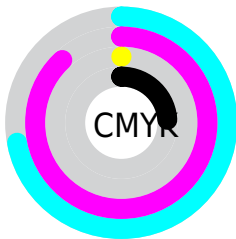
Distribution



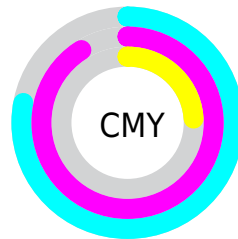
- Red (22%)
- Green (9%)
- Blue (76%)



- Red (22%)
- Yellow (9%)
- Blue (76%)



- Cyan (72%)
- Magenta (88%)
- Yellow (0%)
- Black (24%)






















- Cyan (78%)
- Magenta (91%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3718C2 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 3718C2 by changing the saturation by 10% instead.

 3718C2	 3718C2
FFFFFF	 0000A6
 7C4DFC	 00008B
 9B67FF	 000070
 B981FF	 000757
 D89CFF	 00063E
 F7B8FF	 000327
 FFD4FF	 000111
 FFF1FF	 000000
 3718C2	 3718C2

■ 2705C2

■ 472BC2

■ 2300C2

■ 573FC2

■ 6752C2

■ 7666C2

■ 8679C2

■ 968CC2

■ A6A0C2

■ B6B3C2

■ C6C7C2

Harmonies

Analogous

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



004CE2



3718C2



A10081

Triad

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



3718C2



7F1E00



005952

Complementary

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



3718C2



A3C218

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.



005700



3718C2



424500

Square

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



3718C2



A90000



005200



005B9F

Rectangle

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



3718C2



B7004E



005200



005837

Sweetspot

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



3718C2



C7BBFC



18A6C2



5F5880



000000



808080

Same Dimension

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



3718C2



2E00FC



8918C2



595761



1D00A1



060021

Inverse Universe

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



C218A3



FC00CE



51C218



61575F



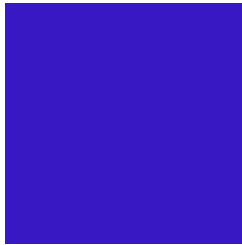
A10083



21001B

Previews

White Background



This preview shows how the Hex color 3718C2 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

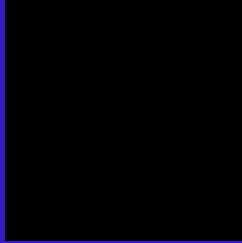
Any Text WCAG AA × Fail

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 3718C2 Background



This preview shows how black text looks on a background with the Hex color 3718C2.



This preview shows how white text looks on a background with the Hex color 3718C2.

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



Original Color
3718C2

Protanopia
004086

Deuteranopia
004472



Tritanopia
00494D

Trichromacy



Original Color
3718C2

Protanomaly
14319C

Deuteranomaly
14348F

Tritanomaly
143778

Monochromacy



Original Color
3718C2

Achromatopsia
353535

Achromatomaly
362A68

CSS Examples

Text

The CSS property to change the color of the text to Hex 3718C2 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 #3718C2 looks like.

```
.text, #text, p{  
    color:#3718C2  
}
```

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 #3718C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3718C2
}
```

Border

The CSS property to change the border of an element to Hex 3718C2 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".

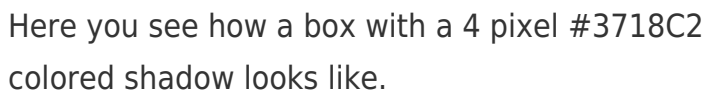
```
.border, #border, table{ border:4px solid
#3718C2 }
```

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

```
.border{ border-color:#3718C2 }
```

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

Here you see how a box with a 4 pixel #3718C2 colored shadow looks like.

A rectangular box with a thick 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 #3718C2; -webkit-box-shadow:4px 4px  
4px 4px #3718C2; box-shadow:4px 4px 4px  
4px #3718C2 }
```

Background

The CSS property to change the background color of an element to Hex 3718C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3718C2 }
```

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

```
.background{ background-color:#3718C2 }
```

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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