

Converting Colors

Hex(1C3990)

Have a look what the booklet for
Hex(1C3990) contains.

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Color

Hex(1C3990)

Conversions

Conversions Part 1

Format	Color
Hex	1C3990
RGB	28, 57, 144
RGB Percent	11%, 22%, 56%
CMY	0.8902, 0.7765, 0.4353
CMYK	0.81, 0.60, 0.00, 0.44
HSL	225°, 67%, 34%
HSV	225°, 81%, 56%
XYZ	6.9761, 5.1867, 27.0190
YIQ	58.2470, -45.2110, 20.9090

Conversions

Conversions Part 2

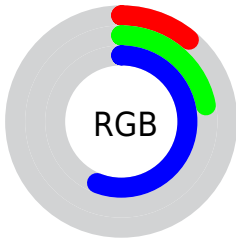
Format	Color
R_{YB}	28, 51, 144
Decimal	1849744
CIE _{Lab}	27.26, 22.88, -51.09
CIE _{LCh}	27, 55.981, 294.121
Yxy	5.1867, 0.1780, 0.1324
Android (android.graphics.Color)	4280039824 (0xFF1C3990)
YUV	58.2470, 42.2762, -26.5266
Hunter-Lab	22.7744, 14.8212, -54.3981

Details

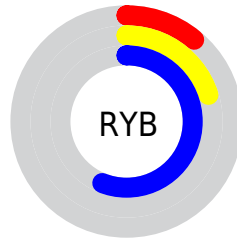
The Hex color **1C3990** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **90731C**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5C68C7**, and **00115D** is the 20% darker color. If you saturate the color by 10%, you get **0E2E90**, and if you desaturate by 10%, it is **2A4490**.

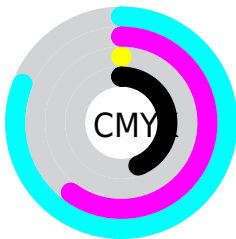
Distribution



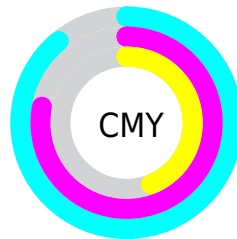
- Red (11%)
- Green (22%)
- Blue (56%)



- Red (11%)
- Yellow (20%)
- Blue (56%)



- Cyan (81%)
- Magenta (60%)
- Yellow (0%)
- Black (44%)



- Cyan (89%)
- Magenta (78%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C3990 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 1C3990 by changing the saturation by 10% instead.

■ 1C3990

■ 1C3990

FFFFFF

■ 002476

■ 5C68C7

■ 00115D

■ 7981E3

■ 000044

■ 959AFF

■ 00032D

■ B2B5FF

■ 000117

■ CFD1FF

■ 000000

■ EDEDFE

■ 1C3990

■ 1C3990

■ 0E2E90

■ 2A4490

■ 002490

■ 394F90

■ 475990

■ 566490

■ 646F90

■ 727A90

■ 818590

■ 8F8F90

■ 9E9A90

Harmonies

Analogous

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



004997



1C3990



6A1D73

Triad

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



1C3990



752600



005136

Complementary

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



1C3990



90731C

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.



004E04



1C3990



573C00

Square

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



1C3990



870021



2F4800



005263

Rectangle

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



1C3990



7F0059



2F4800



005127

Sweetspot

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



1C3990



8D99BA



1C9073



434A5E



DEDEDE



5E5E5E

Same Dimension

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



1C3990



0633BA



391C90



404247



002287



000208

Inverse Universe

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



901C39



BA0633



73901C



474042



870022



080002

Previews

White Background



This preview shows how the Hex color 1C3990 looks on a white background.

Color Contrast Check

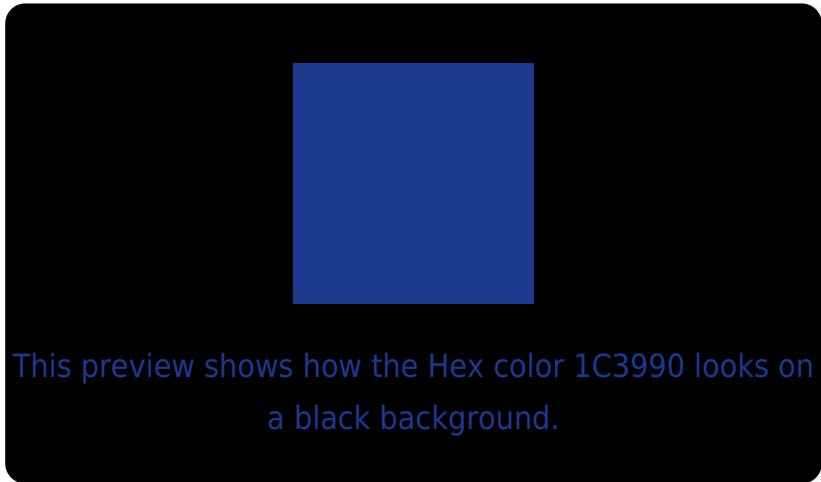
Large Text (above 18pt) WCAG AA ✓ Pass

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

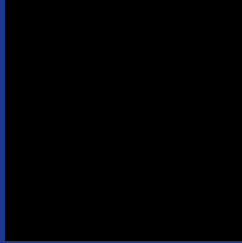
Any Text WCAG AA × Fail

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 1C3990 Background



This preview shows how black text looks on a background with the Hex color 1C3990.



This preview shows how white text looks on a background with the Hex color 1C3990.

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
1C3990

Protanopia
003E84

Deuteranopia
004271



Tritanopia
00484C

Trichromacy



Original Color
1C3990

Protanomaly
0A3C88

Deuteranomaly
0A3F7C

Tritanomaly
0A4365

Monochromacy



Original Color
1C3990

Achromatopsia
3A3A3A

Achromatomaly
2F3A59

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C3990 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 #1C3990 looks like.

```
.text, #text, p{  
    color:#1C3990  
}
```

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 #1C3990 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C3990
}
```

Border

The CSS property to change the border of an element to Hex 1C3990 is called "border". The border property can be set on classes, ids or directly on the HTML element.

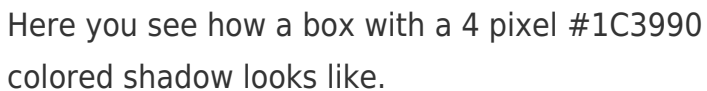
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C3990 }
```

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

```
.border{ border-color:#1C3990 }
```

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



Here you see how a box with a 4 pixel #1C3990 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C3990; -webkit-box-shadow:4px 4px  
4px 4px #1C3990; box-shadow:4px 4px 4px  
4px #1C3990 }
```

Background

The CSS property to change the background color of an element to Hex 1C3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C3990 }
```

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

```
.background{ background-color:#1C3990 }
```

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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