

Converting Colors

Hex(1C3690)

Have a look what the booklet for
Hex(1C3690) contains.

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Color

Hex(1C3690)

Conversions

Conversions Part 1

Format	Color
Hex	1C3690
RGB	28, 54, 144
RGB Percent	11%, 21%, 56%
CMY	0.8902, 0.7882, 0.4353
CMYK	0.81, 0.62, 0.00, 0.44
HSL	227°, 67%, 34%
HSV	227°, 81%, 56%
XYZ	6.8321, 4.8988, 26.9710
YIQ	56.4860, -44.3860, 22.4780

Conversions

Conversions Part 2

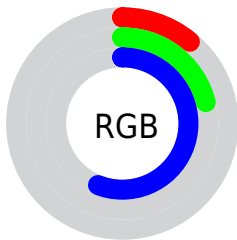
Format	Color
R_{YB}	28, 49, 144
Decimal	1848976
CIE Lab	26.44, 24.94, -52.43
CIE LCh	26, 58.057, 295.444
Yxy	4.8988, 0.1765, 0.1266
Android (android.graphics.Color)	4280039056 (0xFF1C3690)
YUV	56.4860, 43.1444, -24.9822
Hunter-Lab	22.1333, 16.3661, -56.7559

Details

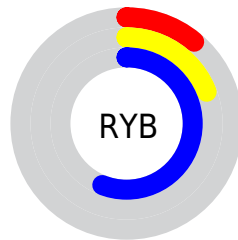
The Hex color **1C3690** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **90761C**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5D64C7**, and **000E5C** is the 20% darker color. If you saturate the color by 10%, you get **0E2B90**, and if you desaturate by 10%, it is **2A4190**.

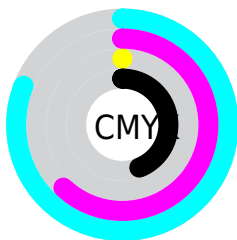
Distribution



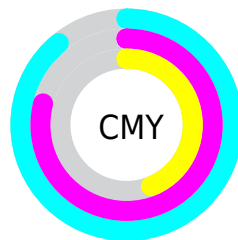
- Red (11%)
- Green (21%)
- Blue (56%)



- Red (11%)
- Yellow (19%)
- Blue (56%)



- Cyan (81%)
- Magenta (62%)
- Yellow (0%)
- Black (44%)



- Cyan (89%)
- Magenta (79%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C3690 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 1C3690 by changing the saturation by 10% instead.

■ 1C3690

■ 1C3690

FFFFFF

■ 002176

■ 5D64C7

■ 000E5C

■ 797DE3

■ 000044

■ 9697FF

■ 00032D

■ B2B2FF

■ 000117

■ D0CFFF

■ 000000

■ EDE9FF

■ 1C3690

■ 1C3690

■ 0E2B90

■ 2A4190

■ 002090

■ 394C90

■ 475890

■ 566390

■ 646E90

■ 727990

■ 818490

■ 8F8F90

■ 9E9B90

Harmonies

Analogous

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



004798



1C3690



6B1672

Triad

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



1C3690



732400



005036

Complementary

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



1C3690



90761C

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.



004D01



1C3690



533B00

Square

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



1C3690



86001C



294700



005064

Rectangle

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



1C3690



800056



294700



004F26

Sweetspot

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



1C3690



8D97BA



1C9075



43495E



DEDEDE



5E5E5E

Same Dimension

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



1C3690



062EBA



3B1C90



404247



001E87



000208

Inverse Universe

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



901C36



BA062E



71901C



474042



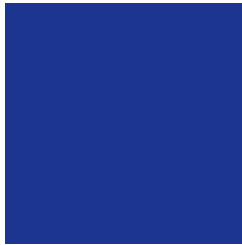
87001E



080002

Previews

White Background



This preview shows how the Hex color 1C3690 looks on a white background.

Color Contrast Check

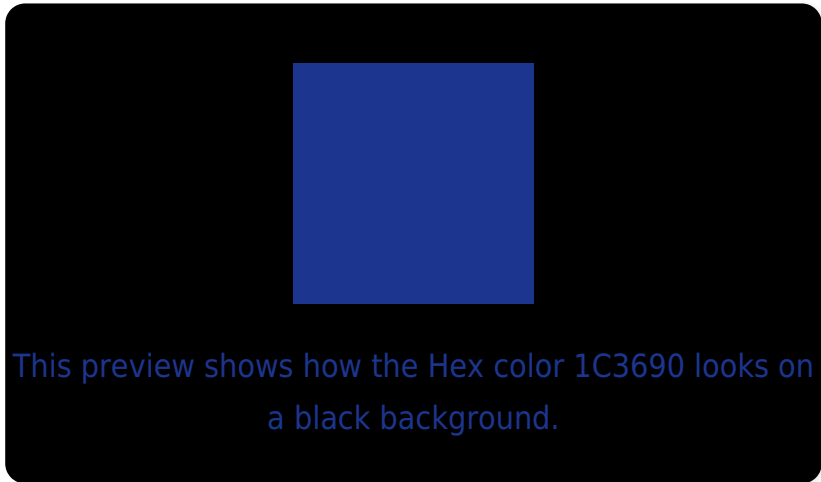
Large Text (above 18pt) WCAG AA ✓ Pass

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

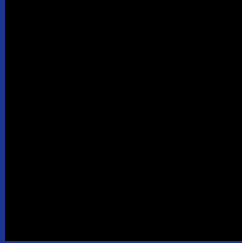
Any Text WCAG AA × Fail

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 1C3690 Background



This preview shows how black text looks on a background with the Hex color 1C3690.



This preview shows how white text looks on a background with the Hex color 1C3690.

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
1C3690

Protanomaly
0A3A86

Tritanomaly
0A4063

Monochromacy



Original Color
1C3690

Achromatopsia
383838

Achromatomaly
2E3758

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C3690 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 #1C3690 looks like.

```
.text, #text, p{  
    color:#1C3690  
}
```

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 #1C3690 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C3690
}
```

Border

The CSS property to change the border of an element to Hex 1C3690 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
#1C3690 }
```

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

```
.border{ border-color:#1C3690 }
```

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

Here you see how a box with a 4 pixel #1C3690 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C3690; -webkit-box-shadow:4px 4px  
4px 4px #1C3690; box-shadow:4px 4px 4px  
4px #1C3690 }
```

Background

The CSS property to change the background color of an element to Hex 1C3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C3690 }
```

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

```
.background{ background-color:#1C3690 }
```

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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