

# Converting Colors

Hex(1C3D8B)

Have a look what the booklet for  
Hex(1C3D8B) contains.

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# Color

**Hex(1C3D8B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1C3D8B
RGB	28, 61, 139
RGB Percent	11%, 24%, 55%
CMY	0.8902, 0.7608, 0.4549
CMYK	0.80, 0.56, 0.00, 0.45
HSL	222°, 66%, 33%
HSV	222°, 80%, 55%
XYZ	6.8078, 5.4484, 25.1189
YIQ	60.0250, -44.7060, 17.2620

# Conversions

## Conversions Part 2

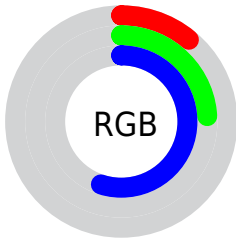
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	28, 53, 139
Decimal	1850763
CIE <sub>Lab</sub>	27.98, 18.10, -46.84
CIE <sub>LCh</sub>	28, 50.215, 291.123
Yxy	5.4484, 0.1821, 0.1458
Android (android.graphics.Color)	4280040843 (0xFF1C3D8B)
YUV	60.0250, 38.9347, -28.0859
Hunter-Lab	23.3419, 11.2125, -47.4645




# Details

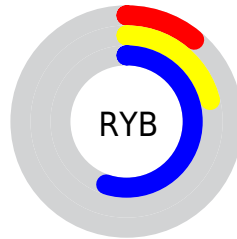
The Hex color **1C3D8B** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8B6A1C**, and the grayscale version is **3C3C3C**.




A 20% lighter version of the original color is **5B6CC1**, and **001458** is the 20% darker color. If you saturate the color by 10%, you get **0E338B**, and if you desaturate by 10%, it is **2A478B**.

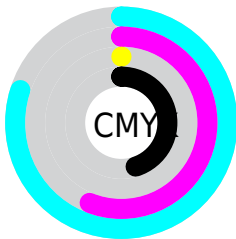
# Distribution







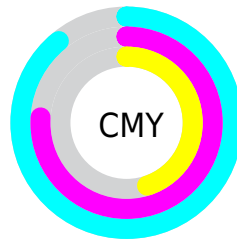
-  Red (11%)
-  Green (24%)
-  Blue (55%)






-  Red (11%)
-  Yellow (21%)
-  Blue (55%)



-  Cyan (80%)
-  Magenta (56%)
-  Yellow (0%)
-  Black (45%)



-  Cyan (89%)
-  Magenta (76%)
-  Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C3D8B 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 1C3D8B by changing the saturation by 10% instead.



■ 1C3D8B

■ 1C3D8B

FFFFFF

■ 002871

■ 5B6CC1

■ 001458

■ 7785DD

■ 000040

■ 939FFA

■ 000329

■ B0BAFF

■ 000113

■ CCD6FF

■ 000000

■ EAF2FF

■ 1C3D8B

■ 1C3D8B

■ 0E338B

■ 2A478B

00298B

38518B

465A8B

54648B

626E8B

6F788B

7D818B

8B8B8B

99958B

# Harmonies

## Analogous

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



004A8F



1C3D8B



642873

# Triad

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



1C3D8B



752A01



005235

# Complementary

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



1C3D8B



8B6A1C

# 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.



004F09



1C3D8B



5B3C00

# Square

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



1C3D8B



831229



384800



00535D

# Rectangle

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



1C3D8B



79175C



384800



005127



# Sweetspot

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



1C3D8B



8A97B5



1C8B6A



41495C



DBDBDB



5C5C5C



# Same Dimension

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



1C3D8B



073BB5



321C8B



3E4045



002785



000205



# Inverse Universe

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



8B1C3D



B5073B



758B1C



453E40



850027



050002



# Previews

## White Background



This preview shows how the Hex color 1C3D8B looks on a white background.

## Color Contrast Check

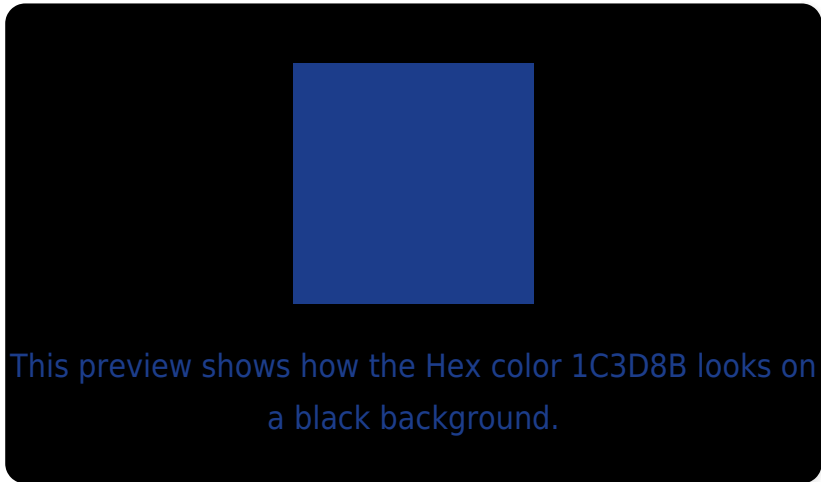
Large Text (above 18pt) WCAG AA ✓ Pass

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

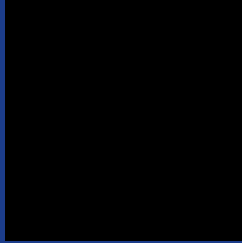
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1C3D8B Background



This preview shows how black text looks on a background with the Hex color 1C3D8B.



This preview shows how white text looks on a background with the Hex color 1C3D8B.

# 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**


1C3D8B

**Protanopia**

004087

**Deuteranopia**

004474



**Tritanopia**  
00494E

# Trichromacy



**Original Color**  
1C3D8B

**Protanomaly**  
0A3F88

**Deuteranomaly**  
0A417C

**Tritanomaly**  
0A4564

# Monochromacy



**Original Color**  
1C3D8B

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
303C59

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C3D8B 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 #1C3D8B looks like.

```
.text, #text, p{  
    color:#1C3D8B  
}
```

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 #1C3D8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C3D8B
}
```

## Border

The CSS property to change the border of an element to Hex 1C3D8B 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".

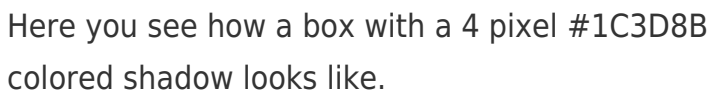
```
.border, #border, table{ border:4px solid
#1C3D8B }
```

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

```
.border{ border-color:#1C3D8B }
```

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

Here you see how a box with a 4 pixel #1C3D8B colored shadow looks like.

A rectangular box with a 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 #1C3D8B; -webkit-box-shadow:4px 4px  
4px 4px #1C3D8B; box-shadow:4px 4px 4px  
4px #1C3D8B }
```

# Background

The CSS property to change the background color of an element to Hex 1C3D8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C3D8B }
```

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

```
.background{ background-color:#1C3D8B }
```

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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