

Converting Colors

Hex(1C2985)

Have a look what the booklet for
Hex(1C2985) contains.

Hex(1C2985)	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(1C2985)

Conversions

Conversions Part 1

Format	Color
Hex	1C2985
RGB	28, 41, 133
RGB Percent	11%, 16%, 52%
CMY	0.8902, 0.8392, 0.4784
CMYK	0.79, 0.69, 0.00, 0.48
HSL	233°, 65%, 32%
HSV	233°, 79%, 52%
XYZ	5.5055, 3.5262, 22.5808
YIQ	47.6010, -37.2800, 25.8560

Conversions

Conversions Part 2

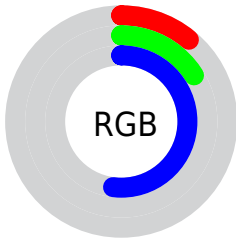
Format	Color
RYB	28, 40, 133
Decimal	1845637
CIELab	22.04, 29.50, -52.80
CIELCh	22, 60.480, 299.192
Yxy	3.5262, 0.1742, 0.1115
Android (android.graphics.Color)	4280035717 (0xFF1C2985)
YUV	47.6010, 42.1017, -17.1901
Hunter-Lab	18.7782, 19.4715, -58.1514

Details

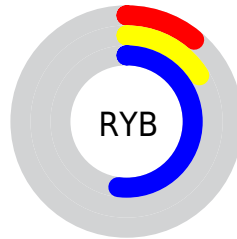
The Hex color **1C2985** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **85781C**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **5B56BB**, and **000052** is the 20% darker color. If you saturate the color by 10%, you get **0F1D85**, and if you desaturate by 10%, it is **293585**.

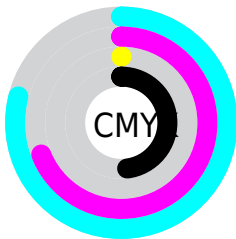
Distribution



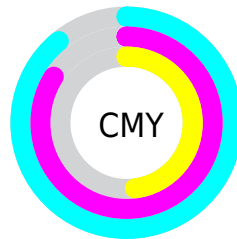
- Red (11%)
- Green (16%)
- Blue (52%)



- Red (11%)
- Yellow (16%)
- Blue (52%)



- Cyan (79%)
- Magenta (69%)
- Yellow (0%)
- Black (48%)



- Cyan (89%)
- Magenta (84%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C2985 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 1C2985 by changing the saturation by 10% instead.



1C2985



1C2985

FFFFFF



00156B



5B56BB



000052



776FD7



00063A



9388F4



000224



B0A3FF



00000B



CDBEFF



000000



EADAFF



FFF6FF



1C2985



1C2985

■ 0F1D85

■ 293585

■ 011285

■ 374085

■ 001085

■ 444C85

■ 515885

■ 5F6385

■ 6C6F85

■ 797B85

■ 868685

■ 949285

Harmonies

Analogous

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



003C91



1C2985



660064

Triad

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



1C2985



641C00



004532

Complementary

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



1C2985



85781C

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.



004300



1C2985



433300

Square

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



1C2985



7A000B



113E00



004660

Rectangle

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



1C2985



790047



113E00



004422

Sweetspot

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



1C2985



8489AD



1C8577



3E4157



D6D6D6



575757

Same Dimension

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



1C2985



091DAD



421C85



3C3C42



001082



000003

Inverse Universe

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



851C29



AD091D



5F851C



423C3C



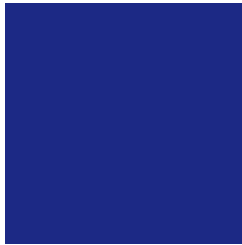
820010



030000

Previews

White Background



This preview shows how the Hex color 1C2985 looks on a white background.

Color Contrast Check

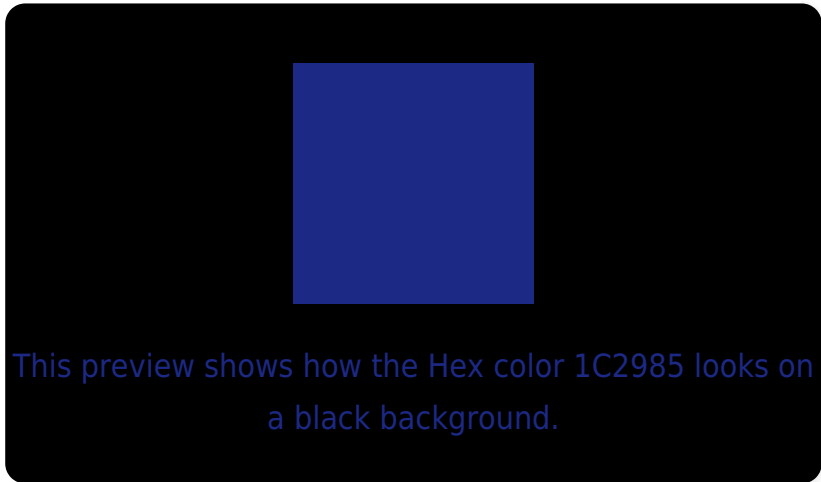
Large Text (above 18pt) WCAG AA ✓ Pass

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

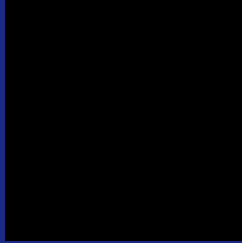
Any Text WCAG AA × Fail

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 1C2985 Background



This preview shows how black text looks on a background with the Hex color 1C2985.



This preview shows how white text looks on a background with the Hex color 1C2985.

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
1C2985

Protanopia
00336C

Deuteranopia
00375C



Tritanopia
003B3E

Trichromacy



Original Color
1C2985

Protanomaly
0A2F75

Deuteranomaly
0A326B

Tritanomaly
0A3458

Monochromacy



Original Color
1C2985

Achromatopsia
303030

Achromatomaly
292D4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C2985 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 #1C2985 looks like.

```
.text, #text, p{  
    color:#1C2985  
}
```

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 #1C2985 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C2985
}
```

Border

The CSS property to change the border of an element to Hex 1C2985 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
#1C2985 }
```

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

```
.border{ border-color:#1C2985 }
```

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

Here you see how a box with a 4 pixel #1C2985 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C2985; -webkit-box-shadow:4px 4px  
4px 4px #1C2985; box-shadow:4px 4px 4px  
4px #1C2985 }
```

Background

The CSS property to change the background color of an element to Hex 1C2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C2985 }
```

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

```
.background{ background-color:#1C2985 }
```

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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