

Converting Colors

Hex(1C295E)

Have a look what the booklet for
Hex(1C295E) contains.

Hex(1C295E)	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(1C295E)

Conversions

Conversions Part 1

Format	Color
Hex	1C295E
RGB	28, 41, 94
RGB Percent	11%, 16%, 37%
CMY	0.8902, 0.8392, 0.6314
CMYK	0.70, 0.56, 0.00, 0.63
HSL	228°, 54%, 24%
HSV	228°, 70%, 37%
XYZ	3.2922, 2.6409, 10.9259
YIQ	43.1550, -24.7610, 13.7270

Conversions

Conversions Part 2

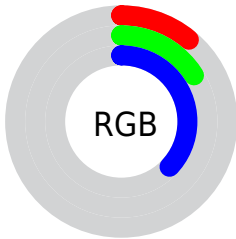
Format	Color
R_{YB}	28, 39, 94
Decimal	1845598
CIE _{Lab}	18.54, 14.09, -33.38
CIE _{LCh}	19, 36.231, 292.885
Yxy	2.6409, 0.1953, 0.1566
Android (android.graphics.Color)	4280035678 (0xFF1C295E)
YUV	43.1550, 25.0666, -13.2909
Hunter-Lab	16.2509, 7.7227, -28.4867




Details

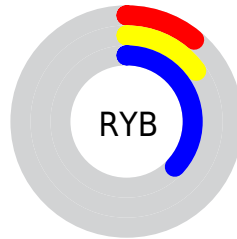
The Hex color **1C295E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5E511C**, and the grayscale version is **2B2B2B**.




A 20% lighter version of the original color is **505691**, and **00002F** is the 20% darker color. If you saturate the color by 10%, you get **13215E**, and if you desaturate by 10%, it is **25315E**.

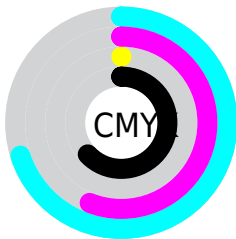
Distribution







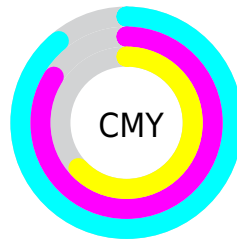
-  Red (11%)
-  Green (16%)
-  Blue (37%)






-  Red (11%)
-  Yellow (15%)
-  Blue (37%)



-  Cyan (70%)
-  Magenta (56%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (89%)
-  Magenta (84%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C295E 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 1C295E by changing the saturation by 10% instead.

■ 1C295E

■ 1C295E

FFFFFF

■ 001546

■ 505691

■ 00002F

■ 6A6EAC

■ 00011A

■ 8587C7

■ 000000

■ A0A2E3

■ BCBDFE

■ D8D8FF

■ F5F5FF

■ 1C295E

■ 1C295E

■ 13215E

■ 25315E

■ 091A5E

■ 2F385E

■ 00135E

■ 38405E

■ 42475E

■ 4B4F5E

■ 54565E

■ 5E5E5E

■ 67655E

■ 716D5E

Harmonies

Analogous

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



003262



1C295E



461B4D

Triad

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



1C295E



501E00



003826

Complementary

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



1C295E



5E511C

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.



003609



1C295E



3E2A00

Square

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



1C295E



5A111B



263200



003941

Rectangle

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



1C295E



54123D



263200



00381D

Sweetspot

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



1C295E



61667A



1C5E51



2E313D



BDBDBD



3D3D3D

Same Dimension

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



1C295E



14287A



301C5E



292A2E



00166E



002FED

Inverse Universe

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



5E1C29



7A1428



4A5E1C



2E292A



6E0016



ED002F

Previews

White Background



This preview shows how the Hex color 1C295E looks on a white background.

Color Contrast Check

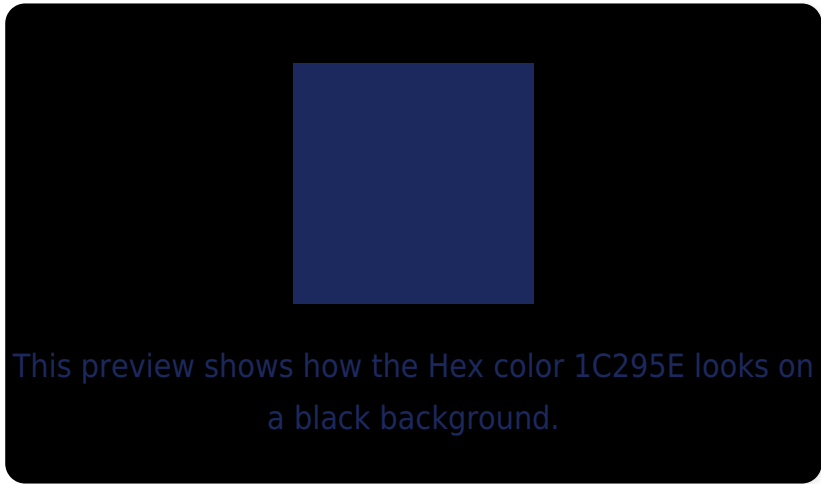
Large Text (above 18pt) WCAG AA ✓ Pass

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

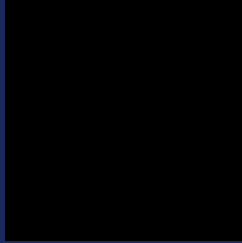
Any Text WCAG AA × Fail

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 1C295E Background



This preview shows how black text looks on a background with the Hex color 1C295E.



This preview shows how white text looks on a background with the Hex color 1C295E.

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
1C295E

Protanopia
002C5D

Deuteranopia
002F50

Trichromacy



Original Color
1C295E

Protanomaly
0A2B5D

Deuteranomaly
0A2D55

Tritanomaly
0A2F45

Monochromacy



Original Color
1C295E

Achromatopsia
2B2B2B

Achromatomaly
262A3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C295E 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 #1C295E looks like.

```
.text, #text, p{  
    color:#1C295E  
}
```

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 #1C295E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C295E
}
```

Border

The CSS property to change the border of an element to Hex 1C295E 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
#1C295E }
```

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

```
.border{ border-color:#1C295E }
```

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

Here you see how a box with a 4 pixel #1C295E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C295E; -webkit-box-shadow:4px 4px  
4px 4px #1C295E; box-shadow:4px 4px 4px  
4px #1C295E }
```

Background

The CSS property to change the background color of an element to Hex 1C295E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C295E }
```

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

```
.background{ background-color:#1C295E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor