

Converting Colors

Hex(1C193A)

Have a look what the booklet for
Hex(1C193A) contains.

Hex(1C193A)	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(1C193A)

Conversions

Conversions Part 1

Format	Color
Hex	1C193A
RGB	28, 25, 58
RGB Percent	11%, 10%, 23%
CMY	0.8902, 0.9020, 0.7725
CMYK	0.52, 0.57, 0.00, 0.77
HSL	245°, 40%, 16%
HSV	245°, 57%, 23%
XYZ	1.5902, 1.2476, 4.1600
YIQ	29.6590, -8.8050, 10.8990

Conversions

Conversions Part 2

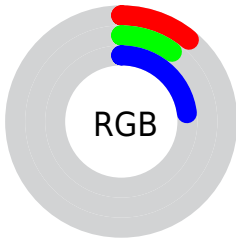
Format	Color
R_{YB}	28, 25, 58
Decimal	1841466
CIE _{Lab}	10.90, 11.92, -20.97
CIE _{LCh}	11, 24.123, 299.603
Yxy	1.2476, 0.2272, 0.1783
Android (android.graphics.Color)	4280031546 (0xFF1C193A)
YUV	29.6590, 13.9721, -1.4549
Hunter-Lab	11.1697, 5.8662, -14.2628

Details

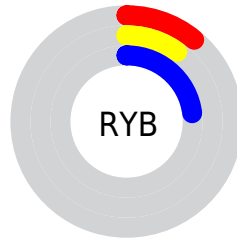
The Hex color **1C193A** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **373A19**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **4A4469**, and **00010D** is the 20% darker color. If you saturate the color by 10%, you get **17133A**, and if you desaturate by 10%, it is **211F3A**.

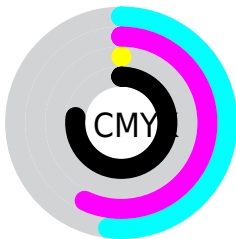
Distribution



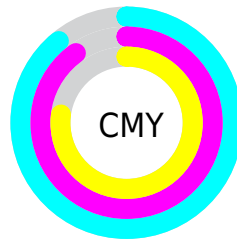
- Red (11%)
- Green (10%)
- Blue (23%)



- Red (11%)
- Yellow (10%)
- Blue (23%)



- Cyan (52%)
- Magenta (57%)
- Yellow (0%)
- Black (77%)



- Cyan (89%)
- Magenta (90%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C193A 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 1C193A by changing the saturation by 10% instead.

■ 1C193A

■ 1C193A

■ FFFCFF

■ 080025

■ 4A4469

■ 00010D

■ 625B83

■ 000000

■ 7C749D

■ 968EB8

■ B1A8D4

■ CCC3F0

■ E9DFFF

■ 1C193A

■ 1C193A

■ 17133A

■ 211F3A

■ 110D3A

■ 27253A

■ 0C083A

■ 2C2A3A

■ 07023A

■ 31303A

■ 05003A

■ 36363A

■ 3C3C3A

■ 41423A

■ 46473A

■ 4B4D3A

Harmonies

Analogous

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



001F3E



1C193A



31112E

Triad

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



1C193A



331600



00251D

Complementary

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



1C193A



373A19

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.



002409



1C193A



261C00

Square

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



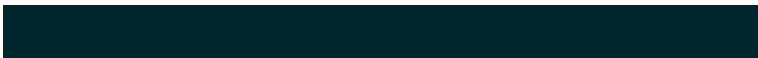
1C193A



3A0F0C



172100



00252D

Rectangle

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



1C193A



380D24



172100



002517

Sweetspot

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



1C193A



413F4D



19373A



1F1F26



A6A6A6



262626

Same Dimension

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



1C193A



1D184D



2C193A



19191C



08005C



1400DB

Inverse Universe

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



3A1937



4D1848



273A19



1C191C



5C0053



DB00C7

Previews

White Background



This preview shows how the Hex color 1C193A looks on a white background.

Color Contrast Check

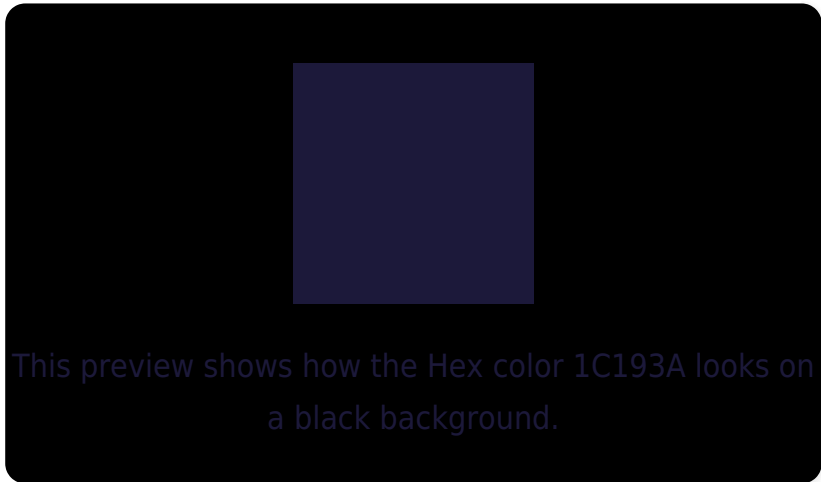
Large Text (above 18pt) WCAG AA ✓ Pass

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

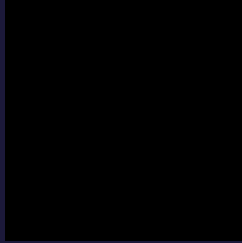
Any Text WCAG AA × Fail

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 1C193A Background



This preview shows how black text looks on a background with the Hex color 1C193A.



This preview shows how white text looks on a background with the Hex color 1C193A.

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
1C193A

Protanopia
001D3D

Deuteranopia
001E35



Tritanopia
141F22

Trichromacy



Original Color

1C193A

Protanomaly

0A1C3C

Deuteranomaly

0A1C37

Tritanomaly

171D2B

Monochromacy



Original Color

1C193A

Achromatopsia

1E1E1E

Achromatomaly

1D1C28

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C193A 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 #1C193A looks like.

```
.text, #text, p{  
    color:#1C193A  
}
```

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 #1C193A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C193A
}
```

Border

The CSS property to change the border of an element to Hex 1C193A is called "border". The border property can be set on classes, ids or directly on the HTML element.

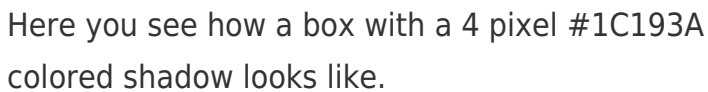
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C193A }
```

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

```
.border{ border-color:#1C193A }
```

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



Here you see how a box with a 4 pixel #1C193A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C193A; -webkit-box-shadow:4px 4px  
4px 4px #1C193A; box-shadow:4px 4px 4px  
4px #1C193A }
```

Background

The CSS property to change the background color of an element to Hex 1C193A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C193A }
```

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

```
.background{ background-color:#1C193A }
```

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