

Converting Colors

Hex(1C2A46)

Have a look what the booklet for
Hex(1C2A46) contains.

Hex(1C2A46)	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(1C2A46)

Conversions

Conversions Part 1

Format	Color
Hex	1C2A46
RGB	28, 42, 70
RGB Percent	11%, 16%, 27%
CMY	0.8902, 0.8353, 0.7255
CMYK	0.60, 0.40, 0.00, 0.73
HSL	220°, 43%, 19%
HSV	220°, 60%, 27%
XYZ	2.4123, 2.3450, 6.1198
YIQ	41.0060, -17.3320, 5.7400

Conversions

Conversions Part 2

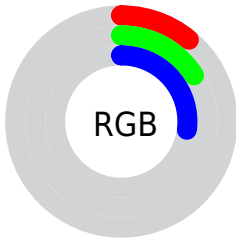
Format	Color
RYB	28, 39, 70
Decimal	1845830
CIELab	17.20, 3.82, -19.36
CIELCh	17, 19.739, 281.171
Yxy	2.3450, 0.2218, 0.2156
Android (android.graphics.Color)	4280035910 (0xFF1C2A46)
YUV	41.0060, 14.2940, -11.4063
Hunter-Lab	15.3134, 1.3210, -12.9752

Details

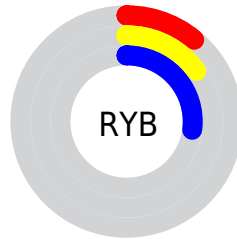
The Hex color **1C2A46** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **46381C**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **4B5777**, and **00011B** is the 20% darker color. If you saturate the color by 10%, you get **152546**, and if you desaturate by 10%, it is **232F46**.

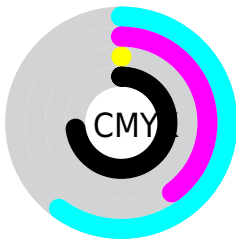
Distribution



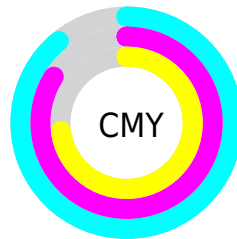
- Red (11%)
- Green (16%)
- Blue (27%)



- Red (11%)
- Yellow (15%)
- Blue (27%)



- Cyan (60%)
- Magenta (40%)
- Yellow (0%)
- Black (73%)



- Cyan (89%)
- Magenta (84%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C2A46 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 1C2A46 by changing the saturation by 10% instead.

■ 1C2A46

■ 1C2A46

FFFFFF

■ 04162F

■ 4B5777

■ 00011B

■ 646F90

■ 000000

■ 7E89AB

■ 98A3C6

■ B3BEE2

■ CFDAFF

■ EBF6FF

■ 1C2A46

■ 1C2A46

■ 152546

■ 232F46

■ 0E2146

■ 2A3346

■ 071C46

■ 313846

■ 001746

■ 383D46

■ 3F4146

■ 464646

■ 4D4B46

■ 544F46

■ 5B5446

Harmonies

Analogous

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



002E45



1C2A46



322540

Triad

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



1C2A46



422118



083121

Complementary

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



1C2A46



46381C

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.



1E2F14



1C2A46



3A260F

Square

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



1C2A46



451E26



2E2B0D



00322F

Rectangle

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



1C2A46



3C2138



2E2B0D



11301C

Sweetspot

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



1C2A46



4B515C



1C4638



24272E



ADADAD



2E2E2E

Same Dimension

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



1C2A46



1A305C



231C46



202124



002163



004CE3

Inverse Universe

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



461C2A



5C1A30



3F461C



242021



630021



E3004C

Previews

White Background



This preview shows how the Hex color 1C2A46 looks on a white background.

Color Contrast Check

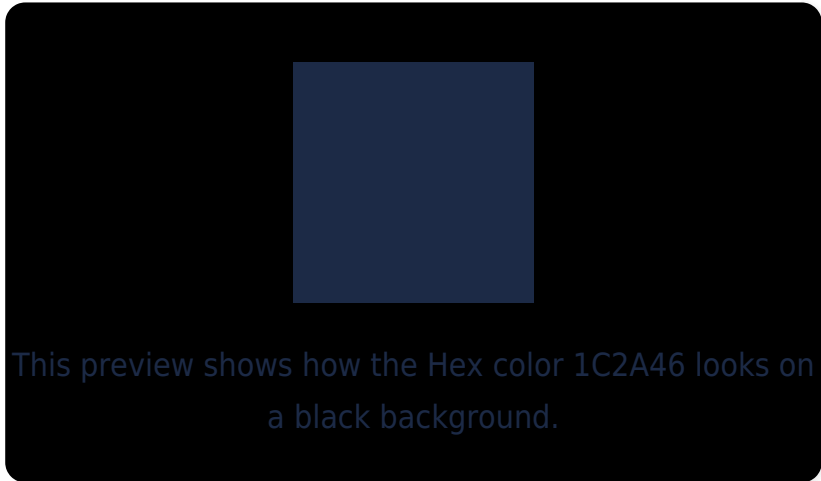
Large Text (above 18pt) WCAG AA ✓ Pass

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

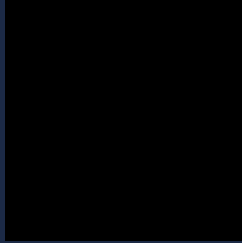
Any Text WCAG AA × Fail

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 1C2A46 Background



This preview shows how black text looks on a background with the Hex color 1C2A46.



This preview shows how white text looks on a background with the Hex color 1C2A46.

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
1C2A46

Protanopia
1F2945

Deuteranopia
192B46

Trichromacy



Original Color
1C2A46

Protanomaly
1E2945

Deuteranomaly
1A2B46

Tritanomaly
162D39

Monochromacy



Original Color
1C2A46

Achromatopsia
292929

Achromatomaly
242934

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C2A46 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 #1C2A46 looks like.

```
.text, #text, p{  
    color:#1C2A46  
}
```

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 #1C2A46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C2A46
}
```

Border

The CSS property to change the border of an element to Hex 1C2A46 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
#1C2A46 }
```

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

```
.border{ border-color:#1C2A46 }
```

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

Here you see how a box with a 4 pixel #1C2A46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C2A46; -webkit-box-shadow:4px 4px  
4px 4px #1C2A46; box-shadow:4px 4px 4px  
4px #1C2A46 }
```

Background

The CSS property to change the background color of an element to Hex 1C2A46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C2A46 }
```

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

```
.background{ background-color:#1C2A46 }
```

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