

Converting Colors

Hex(1C2138)

Have a look what the booklet for
Hex(1C2138) contains.

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Color

Hex(1C2138)

Conversions

Conversions Part 1

Format	Color
Hex	1C2138
RGB	28, 33, 56
RGB Percent	11%, 13%, 22%
CMY	0.8902, 0.8706, 0.7804
CMYK	0.50, 0.41, 0.00, 0.78
HSL	229°, 33%, 16%
HSV	229°, 50%, 22%
XYZ	1.7366, 1.6201, 3.9626
YIQ	34.1270, -10.3630, 6.0930

Conversions

Conversions Part 2

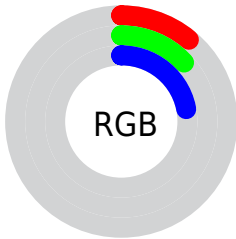
Format	Color
R_{YB}	28, 32, 56
Decimal	1843512
CIE Lab	13.35, 5.17, -15.67
CIE LCh	13, 16.502, 288.266
Yxy	1.6201, 0.2373, 0.2214
Android (android.graphics.Color)	4280033592 (0xFF1C2138)
YUV	34.1270, 10.7834, -5.3734
Hunter-Lab	12.7284, 2.0785, -9.5482

Details

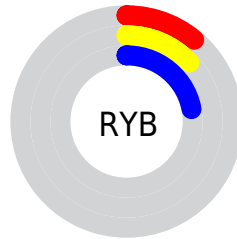
The Hex color **1C2138** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **38331C**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **494D67**, and **00000A** is the 20% darker color. If you saturate the color by 10%, you get **161C38**, and if you desaturate by 10%, it is **222638**.

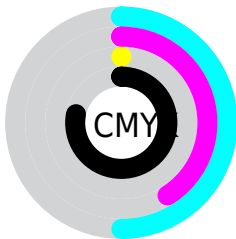
Distribution



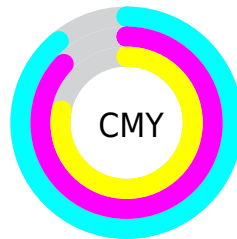
- Red (11%)
- Green (13%)
- Blue (22%)



- Red (11%)
- Yellow (13%)
- Blue (22%)



- Cyan (50%)
- Magenta (41%)
- Yellow (0%)
- Black (78%)



- Cyan (89%)
- Magenta (87%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C2138 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 1C2138 by changing the saturation by 10% instead.

■ 1C2138

■ 1C2138

FFFFFF

■ 060A23

■ 494D67

■ 00000A

■ 616580

■ 000000

■ 7B7E9A

■ 9598B5

■ AFB2D1

■ CBCEED

■ E7EAFF

■ 1C2138

■ 1C2138

■ 161C38

■ 222638

■ 111838

■ 272A38

■ 0B1338

■ 2D2F38

■ 060F38

■ 323338

■ 000A38

■ 383838

■ 3E3D38

■ 434138

■ 494638

■ 4E4A38

Harmonies

Analogous

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



032539



1C2138



2C1D32

Triad

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



1C2138



351C11



03281D

Complementary

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



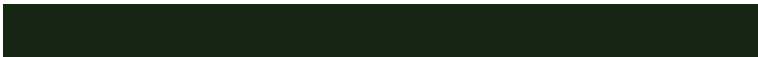
1C2138



38331C

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.



152612



1C2138



2D2009

Square

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



1C2138



38191C



232409



002829

Rectangle

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



1C2138



331A2B



232409



0A2819

Sweetspot

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



1C2138



3F414A



1C3833



1F2126



A6A6A6



262626

Same Dimension

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



1C2138



1E264A



251C38



191A1C



00105C



0027DB

Inverse Universe

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



381C21



4A1E26



2F381C



1C191A



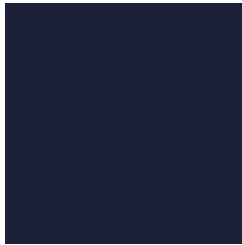
5C0010



DB0027

Previews

White Background



This preview shows how the Hex color 1C2138 looks on a white background.

Color Contrast Check

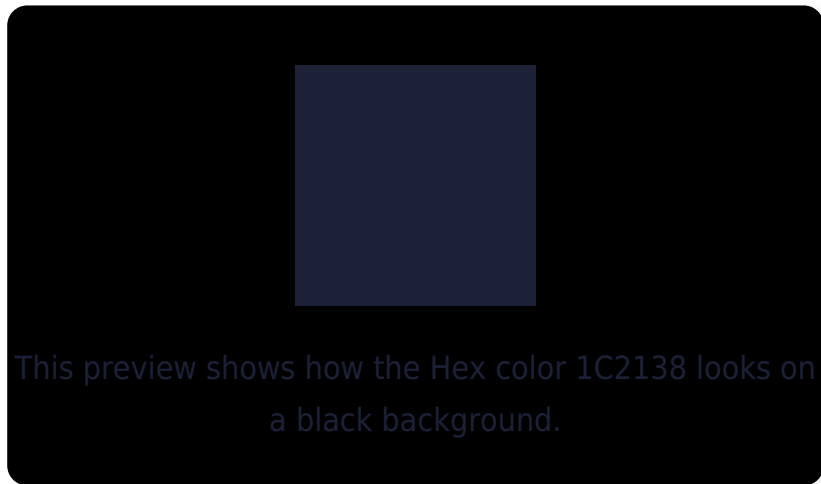
Large Text (above 18pt) WCAG AA ✓ Pass

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

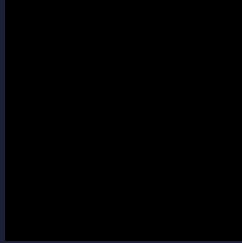
Any Text WCAG AA × Fail

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 1C2138 Background



This preview shows how black text looks on a background with the Hex color 1C2138.



This preview shows how white text looks on a background with the Hex color 1C2138.

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
1C2138

Protanopia
192239

Deuteranopia
152238



Tritanopia
172528

Trichromacy



Original Color
1C2138

Protanomaly
1A2239

Deuteranomaly
182238

Tritanomaly
19242E

Monochromacy



Original Color
1C2138

Achromatopsia
222222

Achromatomaly
20222A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C2138 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 #1C2138 looks like.

```
.text, #text, p{  
    color:#1C2138  
}
```

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 #1C2138 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C2138
}
```

Border

The CSS property to change the border of an element to Hex 1C2138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

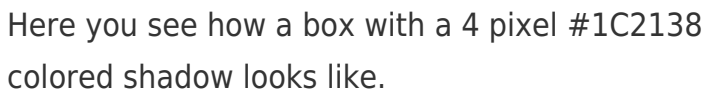
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C2138 }
```

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

```
.border{ border-color:#1C2138 }
```

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



Here you see how a box with a 4 pixel #1C2138 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C2138; -webkit-box-shadow:4px 4px  
4px 4px #1C2138; box-shadow:4px 4px 4px  
4px #1C2138 }
```

Background

The CSS property to change the background color of an element to Hex 1C2138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C2138 }
```

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

```
.background{ background-color:#1C2138 }
```

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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