

Converting Colors

Hex(1C242F)

Have a look what the booklet for
Hex(1C242F) contains.

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Color

Hex(1C242F)

Conversions

Conversions Part 1

Format	Color
Hex	1C242F
RGB	28, 36, 47
RGB Percent	11%, 14%, 18%
CMY	0.8902, 0.8588, 0.8157
CMYK	0.40, 0.23, 0.00, 0.82
HSL	215°, 25%, 15%
HSV	215°, 40%, 18%
XYZ	1.6229, 1.7139, 2.9346
YIQ	34.8620, -8.2990, 1.7250

Conversions

Conversions Part 2

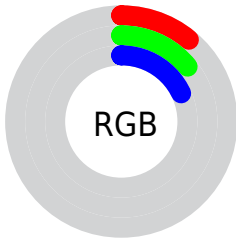
Format	Color
RYB	28, 34, 47
Decimal	1844271
CIELab	13.91, -0.16, -8.40
CIElCh	14, 8.401, 268.897
Yxy	1.7139, 0.2588, 0.2733
Android (android.graphics.Color)	4280034351 (0xFF1C242F)
YUV	34.8620, 5.9840, -6.0180
Hunter-Lab	13.0915, -0.7827, -4.1265

Details

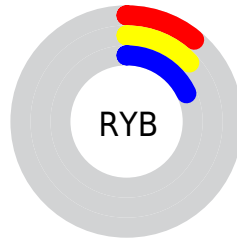
The Hex color **1C242F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F271C**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **48505D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **17212F**, and if you desaturate by 10%, it is **21272F**.

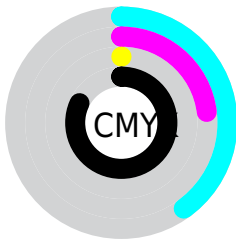
Distribution



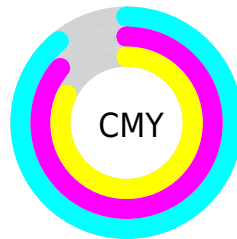
- Red (11%)
- Green (14%)
- Blue (18%)



- Red (11%)
- Yellow (13%)
- Blue (18%)



- Cyan (40%)
- Magenta (23%)
- Yellow (0%)
- Black (82%)



- Cyan (89%)
- Magenta (86%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C242F 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 1C242F by changing the saturation by 10% instead.

■ 1C242F

■ 1C242F

FFFFFF

■ 040F1A

■ 48505D

■ 000000

■ 606876

■ 79828F

■ 939CAA

■ ADB6C5

■ C9D2E1

■ E5EEFD

■ 1C242F

■ 1C242F

■ 17212F

■ 21272F

■ 131F2F

■ 25292F

■ 0E1C2F

■ 2A2C2F

■ 09192F

■ 2F2F2F

■ 05162F

■ 34322F

■ 00142F

■ 38342F

■ 3D372F

■ 423A2F

■ 463C2F

Harmonies

Analogous

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



15262D



1C242F



24222E

Triad

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



1C242F



2F201E



1B261D

Complementary

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



1C242F



2F271C

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.



222519



1C242F



2D211A

Square

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



1C242F



2F1F24



282318



152723

Rectangle

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



1C242F



29212B



282318



1D261C

Sweetspot

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



1C242F



36393D



1C2F27



1A1C1F



9E9E9E



1F1F1F

Same Dimension

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



1C242F



1F2C3D



1D1C2F



151617



002557



005AD6

Inverse Universe

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



2F1C24



3D1F2C



2E2F1C



171516



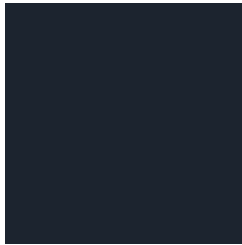
570025



D6005A

Previews

White Background



This preview shows how the Hex color 1C242F looks on a white background.

Color Contrast Check

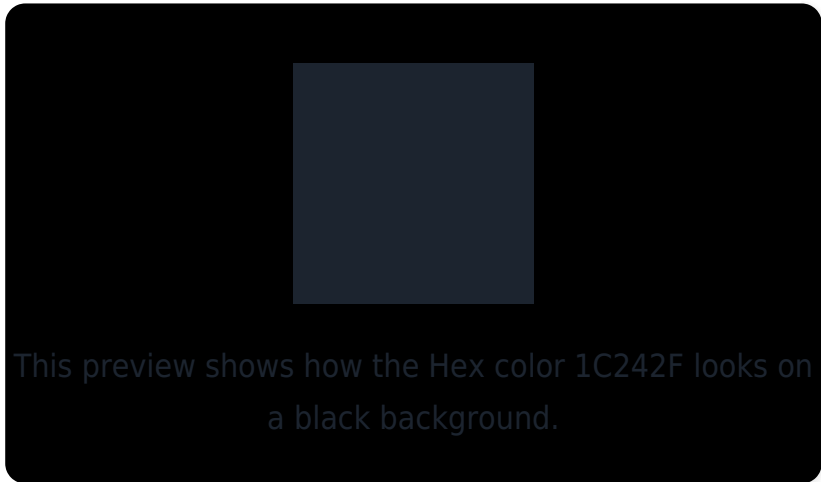
Large Text (above 18pt) WCAG AA ✓ Pass

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

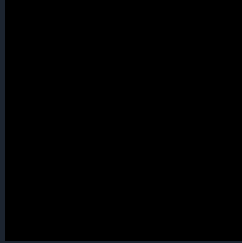
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

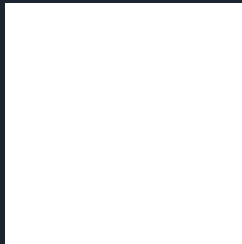
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1C242F Background



This preview shows how black text looks on a background with the Hex color 1C242F.



This preview shows how white text looks on a background with the Hex color 1C242F.

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


1C242F

Protanopia

20232E

Deuteranopia

20232F



Tritanopia
1A2528

Trichromacy



Original Color
1C242F

Protanomaly
1F232E

Deuteranomaly
1F232F

Tritanomaly
1B252B

Monochromacy



Original Color
1C242F

Achromatopsia
232323

Achromatomaly
202327

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C242F 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 #1C242F looks like.

```
.text, #text, p{  
  color:#1C242F  
}
```

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 #1C242F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C242F
}
```

Border

The CSS property to change the border of an element to Hex 1C242F is called "border". The border property can be set on classes, ids or directly on the HTML element.

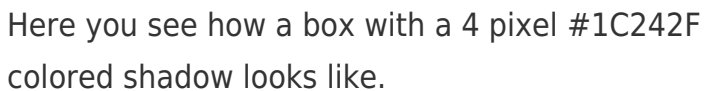
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C242F }
```

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

```
.border{ border-color:#1C242F }
```

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



Here you see how a box with a 4 pixel #1C242F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C242F; -webkit-box-shadow:4px 4px  
4px 4px #1C242F; box-shadow:4px 4px 4px  
4px #1C242F }
```

Background

The CSS property to change the background color of an element to Hex 1C242F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C242F }
```

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

```
.background{ background-color:#1C242F }
```

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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