

Converting Colors

Hex(1C232A)

Have a look what the booklet for
Hex(1C232A) contains.

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Color

Hex(1C232A)

Conversions

Conversions Part 1

Format	Color
Hex	1C232A
RGB	28, 35, 42
RGB Percent	11%, 14%, 16%
CMY	0.8902, 0.8627, 0.8353
CMYK	0.33, 0.17, 0.00, 0.84
HSL	210°, 20%, 14%
HSV	210°, 33%, 16%
XYZ	1.4978, 1.6161, 2.4235
YIQ	33.7050, -6.4190, 0.6930

Conversions

Conversions Part 2

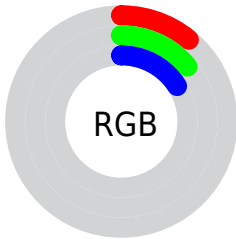
Format	Color
R_{YB}	28, 33, 42
Decimal	1844010
CIE _{Lab}	13.33, -1.06, -5.69
CIE _{LCh}	13, 5.791, 259.479
Yxy	1.6161, 0.2705, 0.2919
Android (android.graphics.Color)	4280034090 (0xFF1C232A)
YUV	33.7050, 4.0894, -5.0033
Hunter-Lab	12.7126, -1.2157, -2.4040

Details

The Hex color **1C232A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A231C**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **484F57**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **18212A**, and if you desaturate by 10%, it is **20252A**.

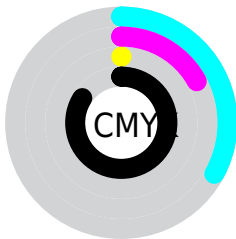
Distribution



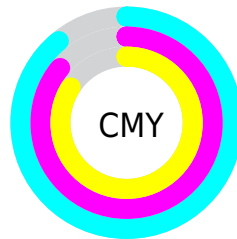
- Red (11%)
- Green (14%)
- Blue (16%)



- Red (11%)
- Yellow (13%)
- Blue (16%)



- Cyan (33%)
- Magenta (17%)
- Yellow (0%)
- Black (84%)



- Cyan (89%)
- Magenta (86%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C232A 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 1C232A by changing the saturation by 10% instead.

■ 1C232A

■ 1C232A

FFFFFF

■ 030D16

■ 484F57

■ 000000

■ 606770

■ 788089

■ 929AA3

■ ADB5BE

■ C8D1DA

■ E4EDF7

■ 1C232A

■ 1C232A

■ 18212A

■ 20252A

■ 141F2A

■ 24272A

■ 0F1D2A

■ 29292A

■ 0B1B2A

■ 2D2B2A

■ 07182A

■ 312D2A

■ 03162A

■ 35302A

■ 00152A

■ 39322A

■ 3E342A

■ 42362A

Harmonies

Analogous

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



182428



1C232A



21222A

Triad

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



1C232A



2B1F20



1E241D

Complementary

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



1C232A



2A231C

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.



23231B



1C232A



2A201C

Square

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



1C232A



292024



27211A



1A2421

Rectangle

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



1C232A



252128



27211A



1F241C

Sweetspot

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



1C232A



303336



1C2A23



191A1C



9C9C9C



1C1C1C

Same Dimension

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



1C232A



202B36



1C1C2A



121314



002A54



006AD4

Inverse Universe

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



2A1C23



36202B



2A2A1C



141213



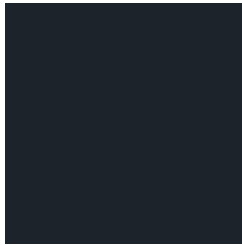
54002A



D4006A

Previews

White Background



This preview shows how the Hex color 1C232A looks on a white background.

Color Contrast Check

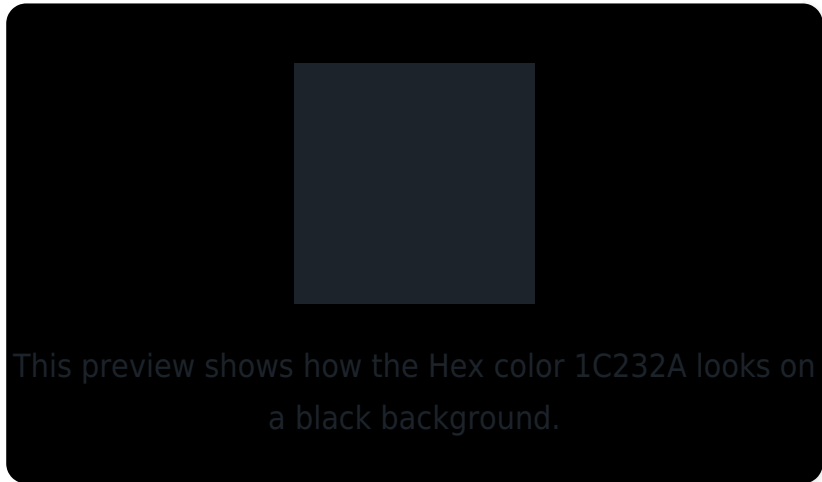
Large Text (above 18pt) WCAG AA ✓ Pass

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

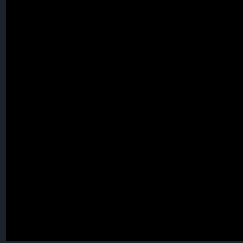
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

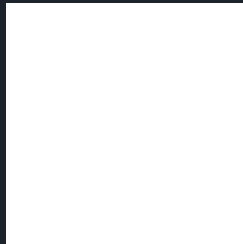
Any Text WCAG AAA × Fail

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

Hex 1C232A Background



This preview shows how black text looks on a background with the Hex color 1C232A.



This preview shows how white text looks on a background with the Hex color 1C232A.

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
1C232A

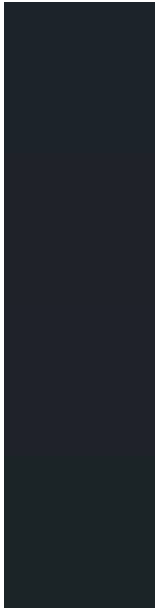
Protanopia
212229

Deuteranopia
21212A



Tritanopia
1B2426

Trichromacy



Original Color
1C232A

Protanomaly
1F2229

Deuteranomaly
1F222A

Tritanomaly
1B2427

Monochromacy



Original Color
1C232A

Achromatopsia
222222

Achromatomaly
202225

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C232A 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 #1C232A looks like.

```
.text, #text, p{  
    color:#1C232A  
}
```

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 #1C232A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C232A
}
```

Border

The CSS property to change the border of an element to Hex 1C232A is called "border". The border property can be set on classes, ids or directly on the HTML element.

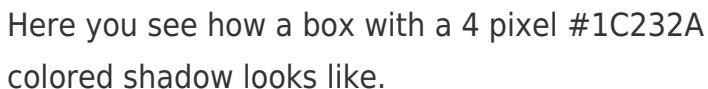
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C232A }
```

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

```
.border{ border-color:#1C232A }
```

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



Here you see how a box with a 4 pixel #1C232A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C232A; -webkit-box-shadow:4px 4px  
4px 4px #1C232A; box-shadow:4px 4px 4px  
4px #1C232A }
```

Background

The CSS property to change the background color of an element to Hex 1C232A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C232A }
```

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

```
.background{ background-color:#1C232A }
```

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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