

Converting Colors

Hex(13212B)

Have a look what the booklet for
Hex(13212B) contains.

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Color

Hex(13212B)

Conversions

Conversions Part 1

Format	Color
Hex	13212B
RGB	19, 33, 43
RGB Percent	7%, 13%, 17%
CMY	0.9255, 0.8706, 0.8314
CMYK	0.56, 0.23, 0.00, 0.83
HSL	205°, 39%, 12%
HSV	205°, 56%, 17%
XYZ	1.2485, 1.4006, 2.4900
YIQ	29.9540, -11.5540, 0.1420

Conversions

Conversions Part 2

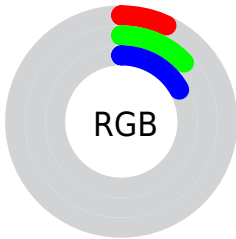
Format	Color
R_{YB}	19, 28, 43
Decimal	1253675
CIE _{Lab}	11.96, -2.55, -8.56
CIE _{LCh}	12, 8.932, 253.405
Yxy	1.4006, 0.2429, 0.2725
Android (android.graphics.Color)	4279443755 (0xFF13212B)
YUV	29.9540, 6.4317, -9.6067
Hunter-Lab	11.8346, -1.8802, -4.1906

Details

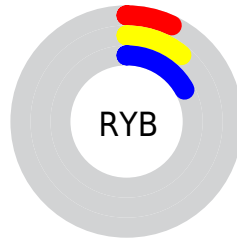
The Hex color **13212B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B1D13**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **3F4D58**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0F1F2B**, and if you desaturate by 10%, it is **17232B**.

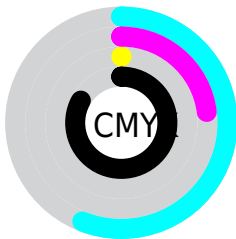
Distribution



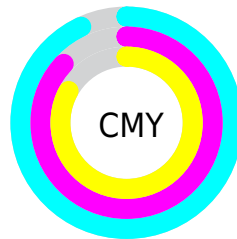
- Red (7%)
- Green (13%)
- Blue (17%)



- Red (7%)
- Yellow (11%)
- Blue (17%)



- Cyan (56%)
- Magenta (23%)
- Yellow (0%)
- Black (83%)



- Cyan (93%)
- Magenta (87%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13212B 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 13212B by changing the saturation by 10% instead.

■ 13212B

■ 13212B

■ F7FFFF

■ 000A17

■ 3F4D58

■ 000000

■ 566571

■ 6F7E8A

■ 8998A5

■ A3B2C0

■ BECEDC

■ DAEAF8

■ 13212B

■ 13212B

■ 0F1F2B

■ 17232B

■ 0A1D2B

■ 1C252B

■ 061C2B

■ 20262B

■ 021A2B

■ 24282B

■ 00192B

■ 292A2B

■ 2D2C2B

■ 312E2B

■ 352F2B

■ 3A312B

Harmonies

Analogous

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



0D2228



13212B



1C1F2B

Triad

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



13212B



2C1B1D



1A2216

Complementary

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



13212B



2B1D13

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.



212013



13212B



2B1C17

Square

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



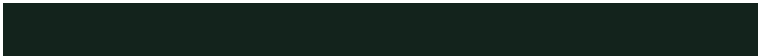
13212B



291B23



271E14



13231C

Rectangle

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



13212B



211E2A



271E14



1D2115

Sweetspot

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



13212B



2F3438



132B1D



161A1C



9C9C9C



1C1C1C

Same Dimension

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



13212B



132838



13152B



121414



003154



007BD4

Inverse Universe

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



2B1321



381328



2B2913



141214



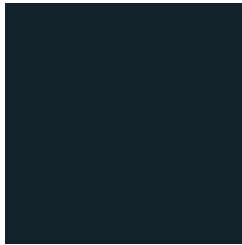
540031



D4007B

Previews

White Background



This preview shows how the Hex color 13212B looks on a white background.

Color Contrast Check

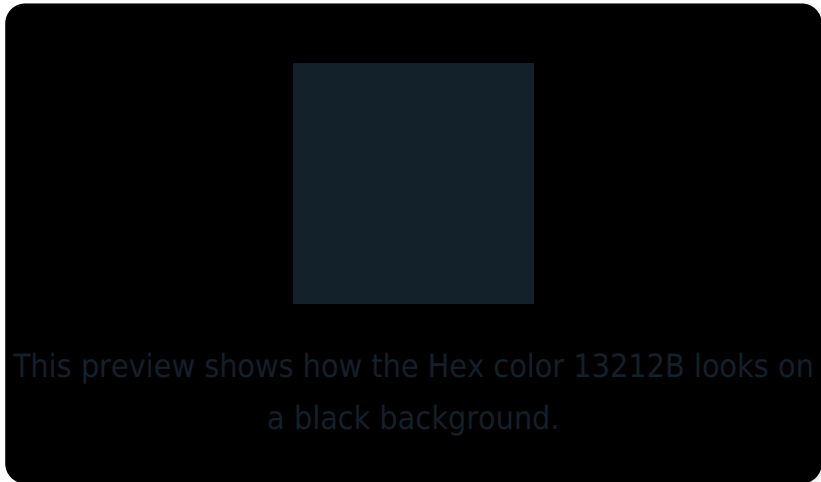
Large Text (above 18pt) WCAG AA ✓ Pass

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

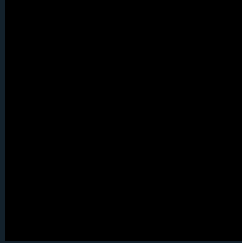
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

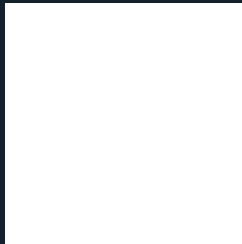
Any Text WCAG AAA × Fail

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

Hex 13212B Background



This preview shows how black text looks on a background with the Hex color 13212B.



This preview shows how white text looks on a background with the Hex color 13212B.

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
13212B

Protanopia
1D1F2A

Deuteranopia
1C1F2B



Tritanopia
112225

Trichromacy



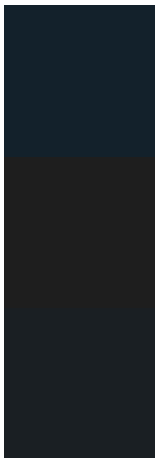
Original Color
13212B

Protanomaly
19202A

Deuteranomaly
19202B

Tritanomaly
122227

Monochromacy



Original Color
13212B

Achromatopsia
1E1E1E

Achromatomaly
1A1F23

CSS Examples

Text

The CSS property to change the color of the text to Hex 13212B 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 #13212B looks like.

```
.text, #text, p{  
    color:#13212B  
}
```

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 #13212B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13212B
}
```

Border

The CSS property to change the border of an element to Hex 13212B is called "border". The border property can be set on classes, ids or directly on the HTML element.

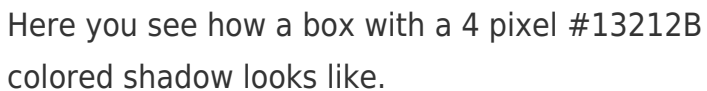
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#13212B }
```

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

```
.border{ border-color:#13212B }
```

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



Here you see how a box with a 4 pixel #13212B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13212B; -webkit-box-shadow:4px 4px  
4px 4px #13212B; box-shadow:4px 4px 4px  
4px #13212B }
```

Background

The CSS property to change the background color of an element to Hex 13212B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13212B }
```

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

```
.background{ background-color:#13212B }
```

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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