

Converting Colors

Hex(13212F)

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

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Color

Hex(13212F)

Conversions

Conversions Part 1

Format	Color
Hex	13212F
RGB	19, 33, 47
RGB Percent	7%, 13%, 18%
CMY	0.9255, 0.8706, 0.8157
CMYK	0.60, 0.30, 0.00, 0.82
HSL	210°, 42%, 13%
HSV	210°, 60%, 18%
XYZ	1.3255, 1.4314, 2.8957
YIQ	30.4100, -12.8380, 1.3860

Conversions

Conversions Part 2

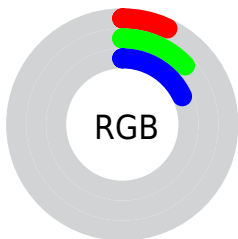
Format	Color
R_{YB}	19, 28, 47
Decimal	1253679
CIE _{Lab}	12.17, -1.05, -11.14
CIE _{LCh}	12, 11.187, 264.615
Yxy	1.4314, 0.2345, 0.2532
Android (android.graphics.Color)	4279443759 (0xFF13212F)
YUV	30.4100, 8.1789, -10.0066
Hunter-Lab	11.9641, -1.1611, -5.9755

Details

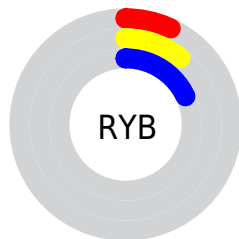
The Hex color **13212F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F2113**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **3F4D5D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0E1F2F**, and if you desaturate by 10%, it is **18232F**.

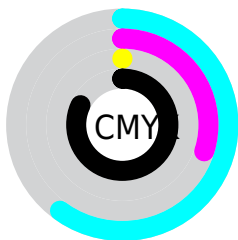
Distribution



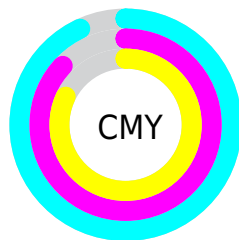
- Red (7%)
- Green (13%)
- Blue (18%)



- Red (7%)
- Yellow (11%)
- Blue (18%)



- Cyan (60%)
- Magenta (30%)
- Yellow (0%)
- Black (82%)



- Cyan (93%)
- Magenta (87%)
- Yellow (82%)

Brightness & Saturation Gradients

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

■ 13212F

■ 13212F

■ F8FFFF

■ 000A1A

■ 3F4D5D

■ 000000

■ 576576

■ 707E8F

■ 8A98AA

■ A4B2C5

■ BFCEE1

■ DBEAFF

■ 13212F

■ 13212F

■ 0E1F2F

■ 18232F

■ 0A1C2F

■ 1C262F

■ 051A2F

■ 21282F

■ 00182F

■ 262A2F

■ 2B2D2F

■ 2F2F2F

■ 34312F

■ 39342F

■ 3D362F

Harmonies

Analogous

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



08232C



13212F



1F1E2E

Triad

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



13212F



2F1A1A



162317

Complementary

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



13212F



2F2113

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.



1F2111



13212F



2C1C13

Square

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



13212F



2E1A22



261F10



0C241E

Rectangle

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



13212F



261D2B



261F10



192315

Sweetspot

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



13212F



32383D



132F21



181B1F



9E9E9E



1F1F1F

Same Dimension

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



13212F



12273D



13132F



151617



002B57



006BD6

Inverse Universe

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



2F1321



3D1227



2F2F13



171516



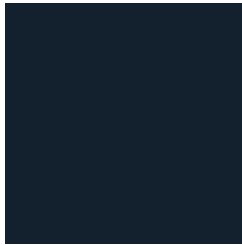
57002B



D6006B

Previews

White Background



This preview shows how the Hex color 13212F 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

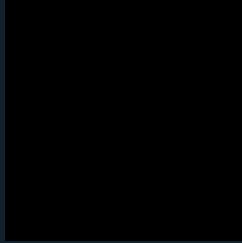
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

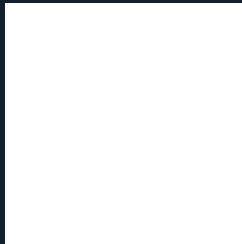
Any Text WCAG AAA × Fail

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

Hex 13212F Background



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



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

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
13212F

Protanopia
1B1F2E

Deuteranopia
19202F

Trichromacy



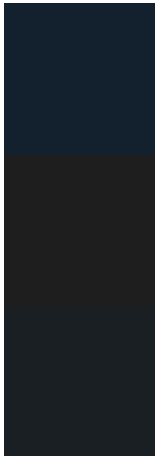
Original Color
13212F

Protanomaly
18202E

Deuteranomaly
17202F

Tritanomaly
102229

Monochromacy



Original Color
13212F

Achromatopsia
1E1E1E

Achromatomaly
1A1F24

CSS Examples

Text

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

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

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 #13212F colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 13212F 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
#13212F }
```

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

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

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

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

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

Background

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

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

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

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

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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