

Converting Colors

Hex(13202F)

Have a look what the booklet for
Hex(13202F) contains.

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Color

Hex(13202F)

Conversions

Conversions Part 1

Format	Color
Hex	13202F
RGB	19, 32, 47
RGB Percent	7%, 13%, 18%
CMY	0.9255, 0.8745, 0.8157
CMYK	0.60, 0.32, 0.00, 0.82
HSL	212°, 42%, 13%
HSV	212°, 60%, 18%
XYZ	1.2982, 1.3767, 2.8866
YIQ	29.8230, -12.5630, 1.9090

Conversions

Conversions Part 2

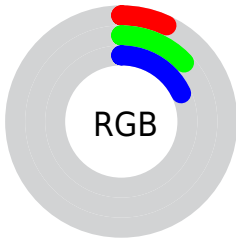
Format	Color
RYB	19, 28, 47
Decimal	1253423
CIELab	11.80, -0.32, -11.70
CIELCh	12, 11.706, 268.448
Yxy	1.3767, 0.2334, 0.2475
Android (android.graphics.Color)	4279443503 (0xFF13202F)
YUV	29.8230, 8.4683, -9.4918
Hunter-Lab	11.7333, -0.7843, -6.3732

Details

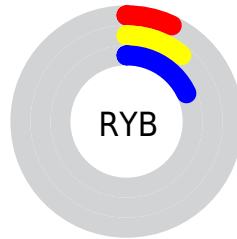
The Hex color **13202F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F2213**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **3F4C5D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0E1D2F**, and if you desaturate by 10%, it is **18232F**.

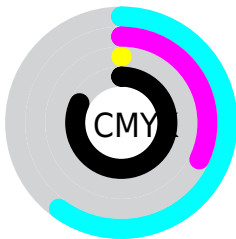
Distribution



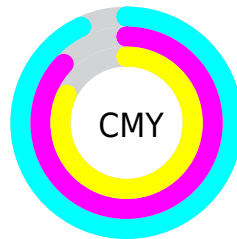
- Red (7%)
- Green (13%)
- Blue (18%)



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



- Cyan (60%)
- Magenta (32%)
- Yellow (0%)
- Black (82%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 13202F 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 13202F by changing the saturation by 10% instead.

■ 13202F

■ 13202F

■ F8FFFF

■ 00081B

■ 3F4C5D

■ 000000

■ 576476

■ 707C8F

■ 8A96AA

■ A4B1C5

■ BFCCE1

■ DBE9FE

■ 13202F

■ 13202F

■ 0E1D2F

■ 18232F

■ 0A1B2F

■ 1C252F

■ 05182F

■ 21282F

■ 00162F

■ 262A2F

■ 2B2D2F

■ 2F2F2F

■ 34322F

■ 39342F

■ 3D372F

Harmonies

Analogous

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



06222D



13202F



1F1D2D

Triad

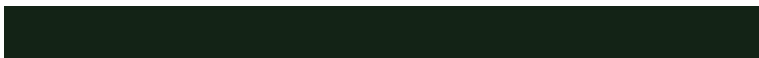
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13202F



2F1918



132316

Complementary

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



13202F



2F2213

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.



1D2110



13202F



2B1C11

Square

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



13202F



2E1920



251E0E



09231E

Rectangle

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



13202F



261B2A



251E0E



162214

Sweetspot

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



13202F



32373D



132F22



181B1F



9E9E9E



1F1F1F

Same Dimension

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



13202F



12263D



14132F



151617



002857



0063D6

Inverse Universe

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



2F1320



3D1226



2E2F13



171516



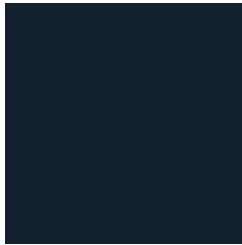
570028



D60063

Previews

White Background



This preview shows how the Hex color 13202F looks on a white background.

Color Contrast Check

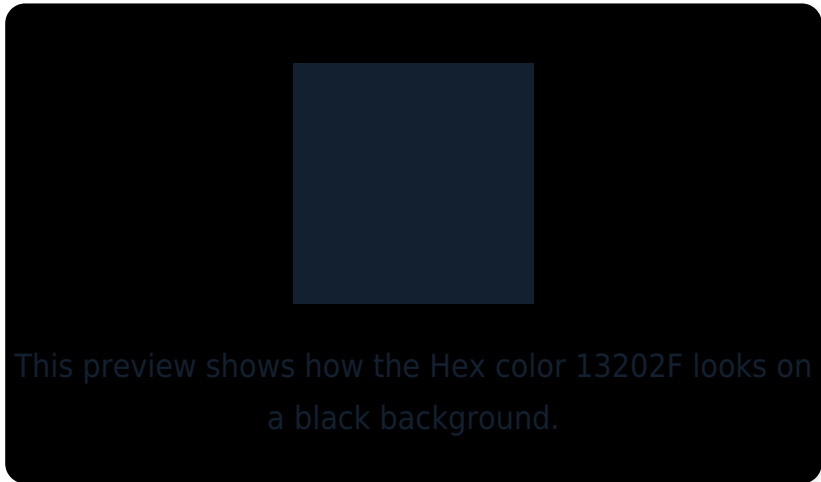
Large Text (above 18pt) WCAG AA ✓ Pass

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

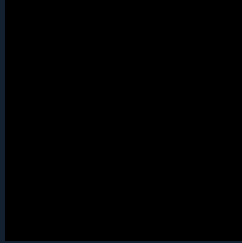
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

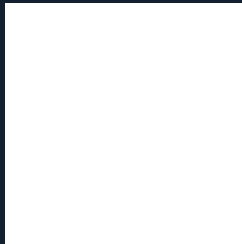
Any Text WCAG AAA × Fail

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

Hex 13202F Background



This preview shows how black text looks on a background with the Hex color 13202F.



This preview shows how white text looks on a background with the Hex color 13202F.

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
13202F

Protanopia
1A1F2E

Deuteranopia
181F2F



Tritanopia
0E2225

Trichromacy



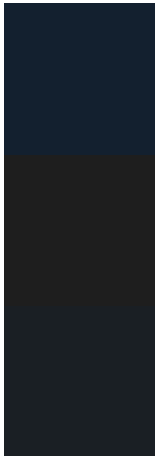
Original Color
13202F

Protanomaly
171F2E

Deuteranomaly
161F2F

Tritanomaly
102129

Monochromacy



Original Color
13202F

Achromatopsia
1E1E1E

Achromatomaly
1A1F24

CSS Examples

Text

The CSS property to change the color of the text to Hex 13202F 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 #13202F looks like.

```
.text, #text, p{  
    color:#13202F  
}
```

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 #13202F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13202F
}
```

Border

The CSS property to change the border of an element to Hex 13202F is called "border". The border property can be set on classes, ids or directly on the HTML element.

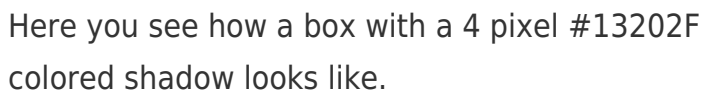
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#13202F }
```

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

```
.border{ border-color:#13202F }
```

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



Here you see how a box with a 4 pixel #13202F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13202F; -webkit-box-shadow:4px 4px  
4px 4px #13202F; box-shadow:4px 4px 4px  
4px #13202F }
```

Background

The CSS property to change the background color of an element to Hex 13202F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13202F }
```

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

```
.background{ background-color:#13202F }
```

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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