

Converting Colors

Hex(13302D)

Have a look what the booklet for
Hex(13302D) contains.

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Color

Hex(13302D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 13302D |
| RGB | 19, 48, 45 |
| RGB Percent | 7%, 19%, 18% |
| CMY | 0.9255, 0.8118, 0.8235 |
| CMYK | 0.60, 0.00, 0.06, 0.81 |
| HSL | 174°, 43%, 13% |
| HSV | 174°, 60%, 19% |
| XYZ | 1.7992, 2.4418, 2.8591 |
| YIQ | 38.9870, -16.3210, -7.0810 |

Conversions

Conversions Part 2

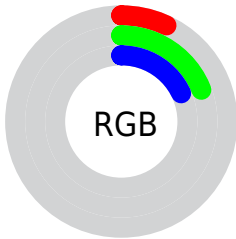
| Format | Color |
|-------------------------------------|------------------------------|
| R_YB | 19, 34, 48 |
| Decimal | 1257517 |
| CIE Lab | 17.65, -11.80, -1.42 |
| CIE LCh | 18, 11.889, 186.872 |
| Yxy | 2.4418, 0.2534, 0.3439 |
| Android (android.graphics.Color) | 4279447597 (0xFF13302D) |
| YUV | 38.9870, 2.9644, -17.5286 |
| Hunter-Lab | 15.6263, -6.7941, 0.0902 |

Details

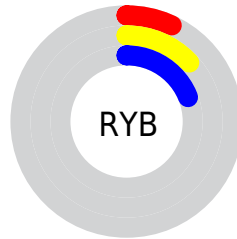
The Hex color **13302D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **301316**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **415E5B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0E302D**, and if you desaturate by 10%, it is **18302D**.

Distribution



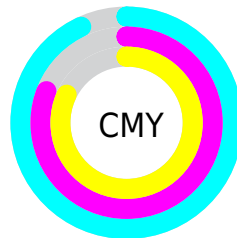
- Red (7%)
- Green (19%)
- Blue (18%)



- Red (7%)
- Yellow (13%)
- Blue (19%)



- Cyan (60%)
- Magenta (0%)
- Yellow (6%)
- Black (81%)



- Cyan (93%)
- Magenta (81%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13302D 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 13302D by changing the saturation by 10% instead.

■ 13302D

■ 13302D

■ FAFFFF

■ 001C18

■ 415E5B

■ 000000

■ 597773

■ 71918D

■ 8BABA7

■ A6C7C2

■ C1E3DE

■ DDFFFB

■ 13302D

■ 13302D

■ 0E302D

■ 18302D

■ 09302C

■ 1D302E

■ 05302C

■ 21302E

■ 00302B

■ 26302F

■ 2B302F

■ 303030

■ 353030

■ 393031

■ 3E3031

Harmonies

Analogous

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



1C2F24



13302D



103035

Triad

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



13302D



2F2839



37281C

Complementary

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



13302D



301316

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.



3C2621



13302D



382632

Square

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



13302D



232B3C



3C252A



2F2B1A

Rectangle

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



13302D



132F39



3C252A



39281D

Sweetspot

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



13302D



323D3C



163013



181F1E



9E9E9E



1F1F1F

Same Dimension

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



13302D



113D39



132530



151717



00574E



00D6C0

Inverse Universe

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



301316



3D1115



301E13



171515



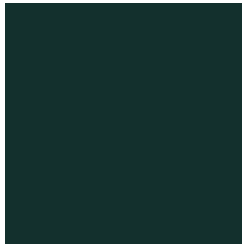
570009



D60016

Previews

White Background



This preview shows how the Hex color 13302D looks on a white background.

Color Contrast Check

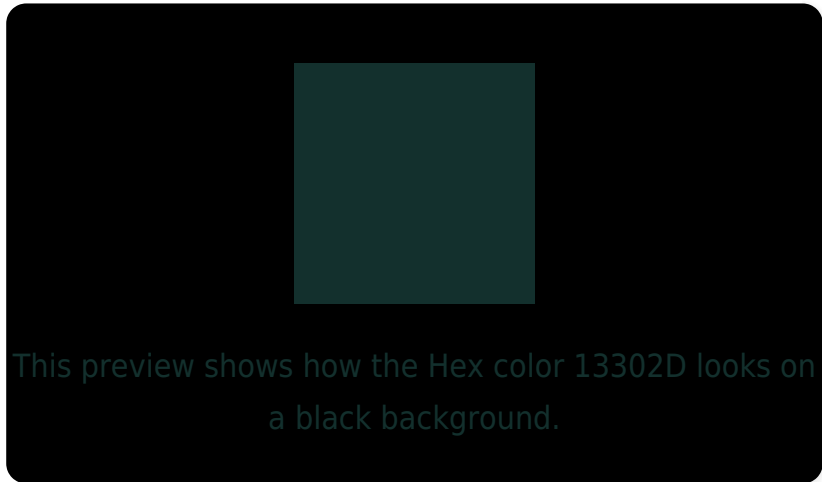
Large Text (above 18pt) WCAG AA ✓ Pass

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

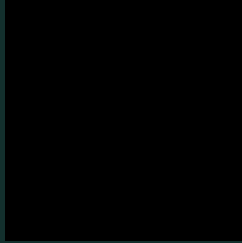
Any Text WCAG AA × Fail

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 13302D Background



This preview shows how black text looks on a background with the Hex color 13302D.



This preview shows how white text looks on a background with the Hex color 13302D.

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
13302D

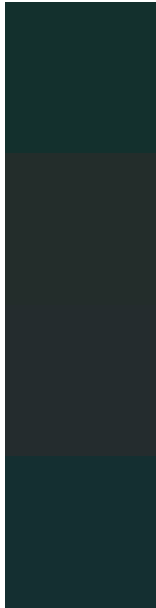
Protanopia
2C2B2A

Deuteranopia
2E2A2E



Tritanopia
152F33

Trichromacy



Original Color
13302D

Protanomaly
232D2B

Deuteranomaly
242C2E

Tritanomaly
142F31

Monochromacy



Original Color
13302D

Achromatopsia
272727

Achromatomaly
202A29

CSS Examples

Text

The CSS property to change the color of the text to Hex 13302D 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 #13302D looks like.

```
.text, #text, p{  
    color:#13302D  
}
```

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 #13302D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13302D
}
```

Border

The CSS property to change the border of an element to Hex 13302D is called "border". The border property can be set on classes, ids or directly on the HTML element.

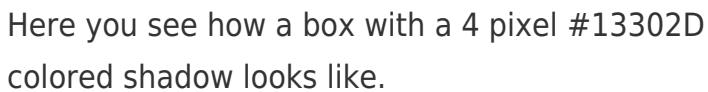
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#13302D }
```

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

```
.border{ border-color:#13302D }
```

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



Here you see how a box with a 4 pixel #13302D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13302D; -webkit-box-shadow:4px 4px  
4px 4px #13302D; box-shadow:4px 4px 4px  
4px #13302D }
```

Background

The CSS property to change the background color of an element to Hex 13302D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13302D }
```

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

```
.background{ background-color:#13302D }
```

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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