

Converting Colors

Hex(013D2D)

Have a look what the booklet for
Hex(013D2D) contains.

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Color

Hex(013D2D)

Conversions

Conversions Part 1

Format	Color
Hex	013D2D
RGB	1, 61, 45
RGB Percent	0%, 24%, 18%
CMY	0.9961, 0.7608, 0.8235
CMYK	0.98, 0.00, 0.26, 0.76
HSL	164°, 97%, 12%
HSV	164°, 98%, 24%
XYZ	2.1549, 3.5334, 3.0511
YIQ	41.2360, -30.6240, -17.6960

Conversions

Conversions Part 2

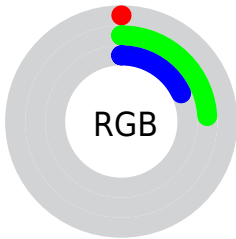
Format	Color
RYB	1, 36, 61
Decimal	81197
CIELab	22.06, -22.56, 4.88
CIELCh	22, 23.080, 167.789
Yxy	3.5334, 0.2466, 0.4043
Android (android.graphics.Color)	4278271277 (0xFF013D2D)
YUV	41.2360, 1.8557, -35.2870
Hunter-Lab	18.7973, -12.4322, 3.5346

Details

The Hex color **013D2D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D0111**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **386D5B**, and **000E00** is the 20% darker color. If you saturate the color by 10%, you get **003D2D**, and if you desaturate by 10%, it is **073D2F**.

Distribution



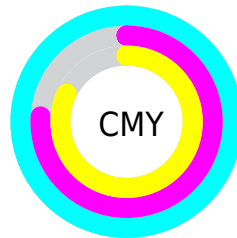
- Red (0%)
- Green (24%)
- Blue (18%)



- Red (0%)
- Yellow (14%)
- Blue (24%)



- Cyan (98%)
- Magenta (0%)
- Yellow (26%)
- Black (76%)



- Cyan (100%)
- Magenta (76%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 013D2D 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 013D2D by changing the saturation by 10% instead.

 013D2D

 013D2D

 F4FFFF

 002718

 386D5B

 000E00

 518773

 000000

 6BA18D

 85BCA7

 A0D8C2

 BBF4DE

 D7FFFB

 013D2D

 013D2D

■ 003D2D

■ 073D2F

■ 0D3D30

■ 133D32

■ 193D34

■ 203D35

■ 263D37

■ 2C3D38

■ 323D3A

■ 383D3C

Harmonies

Analogous

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



213B1D



013D2D



003D3F

Triad

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



013D2D



2A3355



502B1C

Complementary

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



013D2D



3D0111

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.



55272B



013D2D



432C4C

Square

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



013D2D



003956



51273D



453113

Rectangle

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



013D2D



003D49



51273D



532921

Sweetspot

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



013D2D



374F49



113D01



1A2925



A8A8A8



292929

Same Dimension

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



013D2D



004F3A



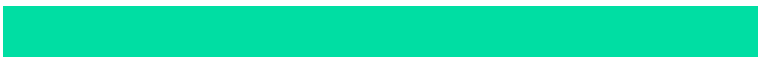
012F3D



1C1F1E



005E45



00DEA3

Inverse Universe

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



3D0111



4F0015



3D0F01



1F1C1C



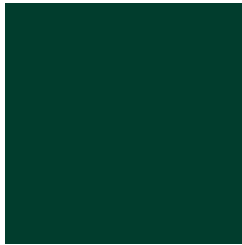
5E0019



DE003B

Previews

White Background



This preview shows how the Hex color 013D2D 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

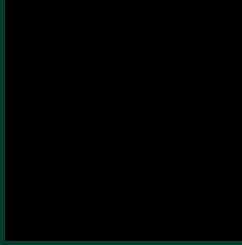
Any Text WCAG AA × Fail

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 013D2D Background



This preview shows how black text looks on a background with the Hex color 013D2D.



This preview shows how white text looks on a background with the Hex color 013D2D.

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
013D2D

Protanopia
393529

Deuteranopia
3D332F



Tritanopia
143B3F

Trichromacy



Original Color
013D2D

Protanomaly
25382A

Deuteranomaly
27372E

Tritanomaly
0D3C38

Monochromacy



Original Color
013D2D

Achromatopsia
292929

Achromatomaly
1A302A

CSS Examples

Text

The CSS property to change the color of the text to Hex 013D2D 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 #013D2D looks like.

```
.text, #text, p{  
    color:#013D2D  
}
```

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 #013D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #013D2D
}
```

Border

The CSS property to change the border of an element to Hex 013D2D 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
#013D2D }
```

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

```
.border{ border-color:#013D2D }
```

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

Here you see how a box with a 4 pixel #013D2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #013D2D; -webkit-box-shadow:4px 4px  
4px 4px #013D2D; box-shadow:4px 4px 4px  
4px #013D2D }
```

Background

The CSS property to change the background color of an element to Hex 013D2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#013D2D }
```

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

```
.background{ background-color:#013D2D }
```

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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