

Converting Colors

Hex(1D313D)

Have a look what the booklet for
Hex(1D313D) contains.

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Color

Hex(1D313D)

Conversions

Conversions Part 1

Format	Color
Hex	1D313D
RGB	29, 49, 61
RGB Percent	11%, 19%, 24%
CMY	0.8863, 0.8078, 0.7608
CMYK	0.52, 0.20, 0.00, 0.76
HSL	202°, 36%, 18%
HSV	202°, 52%, 24%
XYZ	2.4473, 2.7948, 4.8253
YIQ	44.3880, -15.7720, -0.5080

Conversions

Conversions Part 2

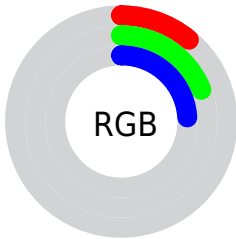
Format	Color
RYB	29, 41, 61
Decimal	1913149
CIELab	19.20, -4.09, -10.08
CIElCh	19, 10.880, 247.923
Yxy	2.7948, 0.2431, 0.2776
Android (android.graphics.Color)	4280103229 (0xFF1D313D)
YUV	44.3880, 8.1897, -13.4953
Hunter-Lab	16.7175, -3.1247, -5.4111

Details

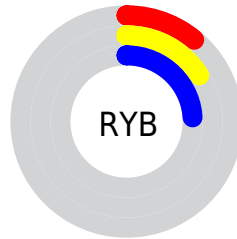
The Hex color **1D313D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D291D**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **4B5F6C**, and **000113** is the 20% darker color. If you saturate the color by 10%, you get **172F3D**, and if you desaturate by 10%, it is **23333D**.

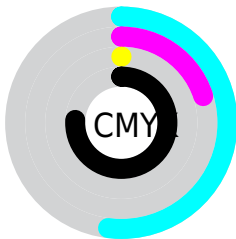
Distribution



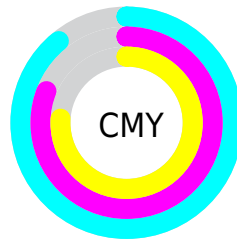
- Red (11%)
- Green (19%)
- Blue (24%)



- Red (11%)
- Yellow (16%)
- Blue (24%)



- Cyan (52%)
- Magenta (20%)
- Yellow (0%)
- Black (76%)



- Cyan (89%)
- Magenta (81%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D313D 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 1D313D by changing the saturation by 10% instead.

■ 1D313D

■ 1D313D

FFFFFF

■ 071C27

■ 4B5F6C

■ 000113

■ 637886

■ 000000

■ 7D91A0

■ 97ACBB

■ B2C7D7

■ CDE3F3

■ EAFFFF

■ 1D313D

■ 1D313D

■ 172F3D

■ 23333D

■ 112C3D

■ 29363D

■ 0B2A3D

■ 2F383D

■ 05283D

■ 353A3D

■ 00263D

■ 3C3C3D

■ 423F3D

■ 48413D

■ 4E433D

■ 54463D

Harmonies

Analogous

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



173338



1D313D



282F3E

Triad

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



1D313D



3E292D



293122

Complementary

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



1D313D



3D291D

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.



322F1F



1D313D



3E2A25

Square

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



1D313D



3A2A35



392C20



203328

Rectangle

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



1D313D



2F2D3D



392C20



2C3020

Sweetspot

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



1D313D



424A4F



1D3D29



212629



A8A8A8



292929

Same Dimension

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



1D313D



1D3C4F



1D213D



1C1D1F



003B5E



008BDE

Inverse Universe

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



3D1D31



4F1D3C



3D391D



1F1C1D



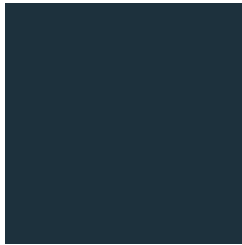
5E003B



DE008B

Previews

White Background



This preview shows how the Hex color 1D313D looks on a white background.

Color Contrast Check

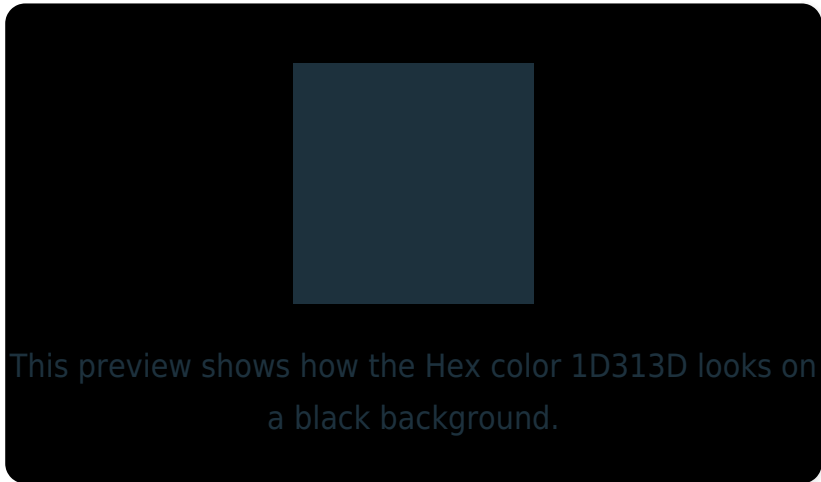
Large Text (above 18pt) WCAG AA ✓ Pass

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

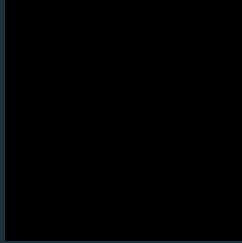
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

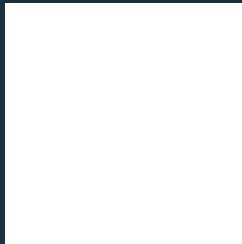
Any Text WCAG AAA × Fail

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

Hex 1D313D Background



This preview shows how black text looks on a background with the Hex color 1D313D.



This preview shows how white text looks on a background with the Hex color 1D313D.

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](#).

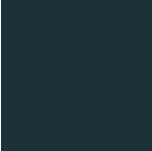
Dichromacy



Original Color
1D313D

Protanopia
2B2E3B

Deuteranopia
2B2E3E



Tritanopia
1B3236

Trichromacy



Original Color

1D313D

Protanomaly

262F3C

Deuteranomaly

262F3E

Tritanomaly

1C3239

Monochromacy



Original Color

1D313D

Achromatopsia

2C2C2C

Achromatomaly

272E32

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D313D 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 #1D313D looks like.

```
.text, #text, p{  
    color:#1D313D  
}
```

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 #1D313D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D313D
}
```

Border

The CSS property to change the border of an element to Hex 1D313D 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
#1D313D }
```

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

```
.border{ border-color:#1D313D }
```

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

Here you see how a box with a 4 pixel #1D313D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D313D; -webkit-box-shadow:4px 4px  
4px 4px #1D313D; box-shadow:4px 4px 4px  
4px #1D313D }
```

Background

The CSS property to change the background color of an element to Hex 1D313D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D313D }
```

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

```
.background{ background-color:#1D313D }
```

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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