

Converting Colors

Hex(1A2D37)

Have a look what the booklet for
Hex(1A2D37) contains.

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Color

Hex(1A2D37)

Conversions

Conversions Part 1

Format	Color
Hex	1A2D37
RGB	26, 45, 55
RGB Percent	10%, 18%, 22%
CMY	0.8980, 0.8235, 0.7843
CMYK	0.53, 0.18, 0.00, 0.78
HSL	201°, 36%, 16%
HSV	201°, 53%, 22%
XYZ	2.0540, 2.3722, 3.9641
YIQ	40.4590, -14.5340, -0.9180

Conversions

Conversions Part 2

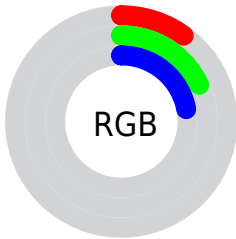
Format	Color
RYB	26, 37, 55
Decimal	1715511
CIELab	17.33, -4.40, -8.82
CIElCh	17, 9.855, 243.502
Yxy	2.3722, 0.2448, 0.2827
Android (android.graphics.Color)	4279905591 (0xFF1A2D37)
YUV	40.4590, 7.1687, -12.6805
Hunter-Lab	15.4020, -3.1492, -4.4782

Details

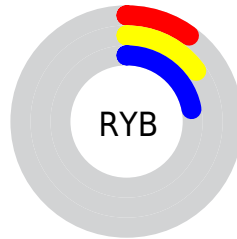
The Hex color **1A2D37** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **37241A**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **475B66**, and **00000A** is the 20% darker color. If you saturate the color by 10%, you get **142B37**, and if you desaturate by 10%, it is **1F2F37**.

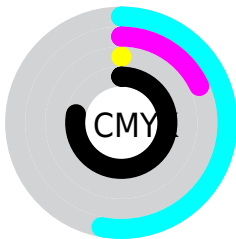
Distribution



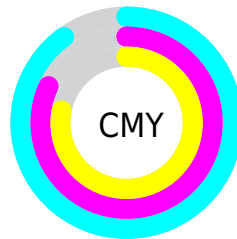
- Red (10%)
- Green (18%)
- Blue (22%)



- Red (10%)
- Yellow (15%)
- Blue (22%)



- Cyan (53%)
- Magenta (18%)
- Yellow (0%)
- Black (78%)



- Cyan (90%)
- Magenta (82%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A2D37 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 1A2D37 by changing the saturation by 10% instead.

■ 1A2D37

■ 1A2D37

FFFFFF

■ 031922

■ 475B66

■ 00000A

■ 60737F

■ 000000

■ 798D99

■ 93A7B3

■ ADC2CF

■ C9DEEB

■ E5FBFF

■ 1A2D37

■ 1A2D37

■ 142B37

■ 1F2F37

■ 0F2937

■ 253137

■ 092737

■ 2B3337

■ 042537

■ 303537

■ 002437

■ 363637

■ 3B3837

■ 413A37

■ 463C37

■ 4C3E37

Harmonies

Analogous

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



162E32



1A2D37



232B39

Triad

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



1A2D37



38252A



272D1F

Complementary

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



1A2D37



37241A

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.



2F2A1C



1A2D37



392623

Square

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



1A2D37



342631



35281E



1F2E24

Rectangle

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



1A2D37



2A2937



35281E



2A2C1E

Sweetspot

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



1A2D37



3C4347



1A3724



1D2124



A3A3A3



242424

Same Dimension

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



1A2D37



1A3847



1A1F37



191B1C



003C5C



0090DB

Inverse Universe

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



371A2D



471A38



37321A



1C191B



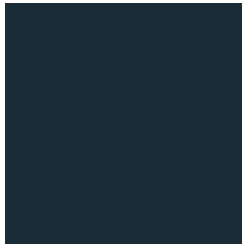
5C003C



DB0090

Previews

White Background



This preview shows how the Hex color 1A2D37 looks on a white background.

Color Contrast Check

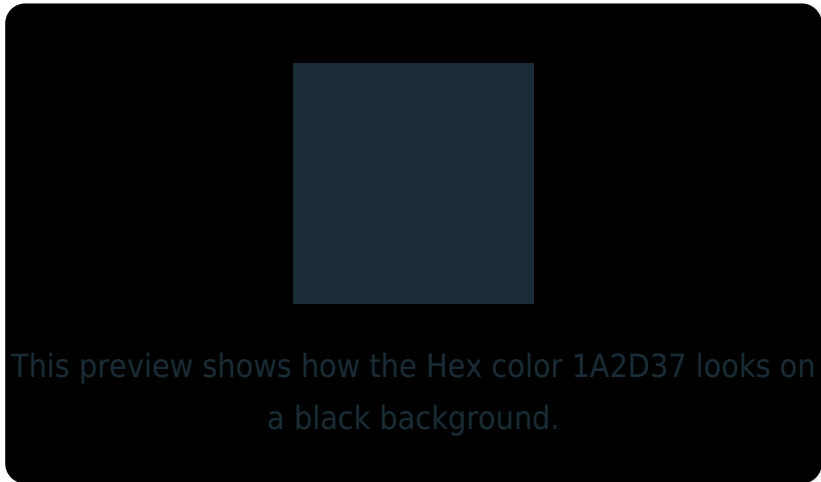
Large Text (above 18pt) WCAG AA ✓ Pass

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

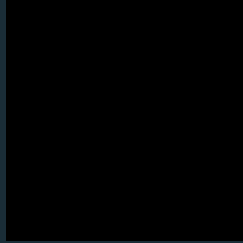
Any Text WCAG AA × Fail

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 1A2D37 Background



This preview shows how black text looks on a background with the Hex color 1A2D37.



This preview shows how white text looks on a background with the Hex color 1A2D37.

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
1A2D37

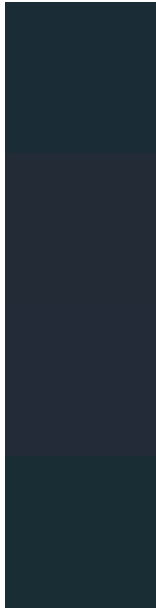
Protanopia
282A35

Deuteranopia
282A38



Tritanopia
182E32

Trichromacy



Original Color
1A2D37

Protanomaly
232B36

Deuteranomaly
232B38

Tritanomaly
192E34

Monochromacy



Original Color
1A2D37

Achromatopsia
282828

Achromatomaly
232A2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A2D37 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 #1A2D37 looks like.

```
.text, #text, p{  
    color:#1A2D37  
}
```

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 #1A2D37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A2D37
}
```

Border

The CSS property to change the border of an element to Hex 1A2D37 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
#1A2D37 }
```

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

```
.border{ border-color:#1A2D37 }
```

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

Here you see how a box with a 4 pixel #1A2D37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A2D37; -webkit-box-shadow:4px 4px  
4px 4px #1A2D37; box-shadow:4px 4px 4px  
4px #1A2D37 }
```

Background

The CSS property to change the background color of an element to Hex 1A2D37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A2D37 }
```

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

```
.background{ background-color:#1A2D37 }
```

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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