

Converting Colors

Hex(1A2E2F)

Have a look what the booklet for
Hex(1A2E2F) contains.

Hex(1A2E2F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1A2E2F)

Conversions

Conversions Part 1

Format	Color
Hex	1A2E2F
RGB	26, 46, 47
RGB Percent	10%, 18%, 18%
CMY	0.8980, 0.8196, 0.8157
CMYK	0.45, 0.02, 0.00, 0.82
HSL	183°, 29%, 14%
HSV	183°, 45%, 18%
XYZ	1.9161, 2.3788, 3.0475
YIQ	40.1340, -12.2410, -3.9290

Conversions

Conversions Part 2

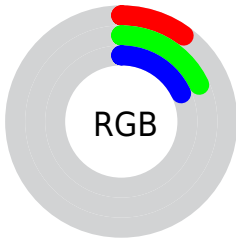
Format	Color
R_{YB}	26, 36, 47
Decimal	1715759
CIE _{Lab}	17.36, -7.72, -3.20
CIE _{LCh}	17, 8.358, 202.539
Yxy	2.3788, 0.2610, 0.3240
Android (android.graphics.Color)	4279905839 (0xFF1A2E2F)
YUV	40.1340, 3.3849, -12.3955
Hunter-Lab	15.4235, -4.8157, -0.9186

Details

The Hex color **1A2E2F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2F1B1A**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **475C5D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **152E2F**, and if you desaturate by 10%, it is **1F2E2F**.

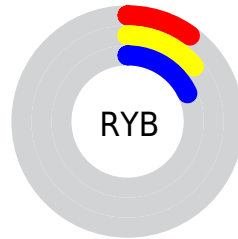
Distribution



Red (10%)

Green (18%)

Blue (18%)



Red (10%)

Yellow (14%)

Blue (18%)

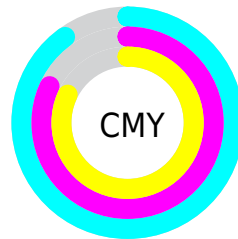


Cyan (45%)

Magenta (2%)

Yellow (0%)

Black (82%)



Cyan (90%)

Magenta (82%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A2E2F 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 1A2E2F by changing the saturation by 10% instead.

■ 1A2E2F

■ 1A2E2F

FFFFFF

■ 031A1A

■ 475C5D

■ 000000

■ 5F7475

■ 788E8F

■ 91A8A9

■ ACC4C5

■ C8E0E1

■ E4FCFD

■ 1A2E2F

■ 1A2E2F

■ 152E2F

■ 1F2E2F

■ 112E2F

■ 232E2F

■ 0C2D2F

■ 282F2F

■ 072D2F

■ 2D2F2F

■ 022D2F

■ 322F2F

■ 002D2F

■ 362F2F

■ 3B302F

■ 40302F

■ 44302F

Harmonies

Analogous

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



1D2E29



1A2E2F



1C2D34

Triad

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



1A2E2F



312832



312A1F

Complementary

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



1A2E2F



2F1B1A

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.



352821



1A2E2F



36272C

Square

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



1A2E2F



2A2A36



372726



2A2C20

Rectangle

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



1A2E2F



1F2C36



372726



32291F

Sweetspot

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



1A2E2F



353D3D



1A2F1B



1A1E1F



9E9E9E



1F1F1F

Same Dimension

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



1A2E2F



1C3C3D



1A242F



151717



005357



00CCD6

Inverse Universe

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



2F1A2E



3D1C3C



2F251A



171517



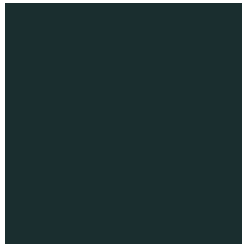
570053



D600CC

Previews

White Background



This preview shows how the Hex color 1A2E2F looks on a white background.

Color Contrast Check

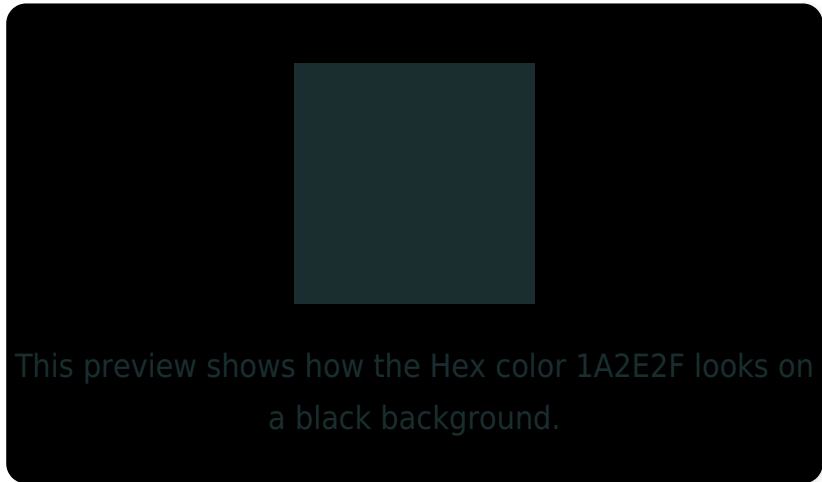
Large Text (above 18pt) WCAG AA ✓ Pass

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

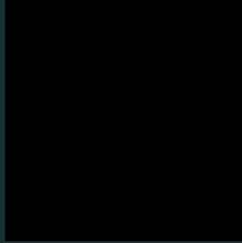
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

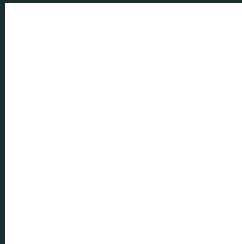
Any Text WCAG AAA × Fail

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

Hex 1A2E2F Background



This preview shows how black text looks on a background with the Hex color 1A2E2F.



This preview shows how white text looks on a background with the Hex color 1A2E2F.

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
1A2E2F

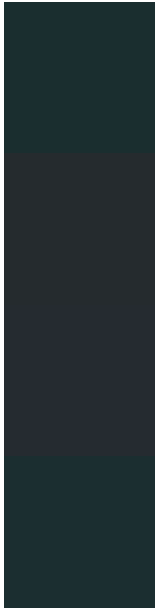
Protanopia
2B2A2D

Deuteranopia
2C2930



Tritanopia
1B2E31

Trichromacy



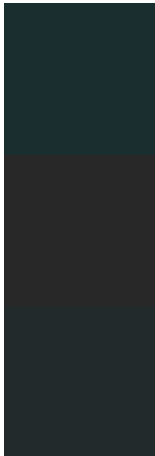
Original Color
1A2E2F

Protanomaly
252B2E

Deuteranomaly
252B30

Tritanomaly
1B2E30

Monochromacy



Original Color
1A2E2F

Achromatopsia
282828

Achromatomaly
232A2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A2E2F 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 #1A2E2F looks like.

```
.text, #text, p{  
    color:#1A2E2F  
}
```

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 #1A2E2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A2E2F
}
```

Border

The CSS property to change the border of an element to Hex 1A2E2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

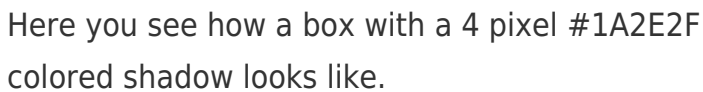
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A2E2F }
```

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

```
.border{ border-color:#1A2E2F }
```

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



Here you see how a box with a 4 pixel #1A2E2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A2E2F; -webkit-box-shadow:4px 4px  
4px 4px #1A2E2F; box-shadow:4px 4px 4px  
4px #1A2E2F }
```

Background

The CSS property to change the background color of an element to Hex 1A2E2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A2E2F }
```

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

```
.background{ background-color:#1A2E2F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor