

Converting Colors

Hex(1A2A36)

Have a look what the booklet for
Hex(1A2A36) contains.

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Color

Hex(1A2A36)

Conversions

Conversions Part 1

Format	Color
Hex	1A2A36
RGB	26, 42, 54
RGB Percent	10%, 16%, 21%
CMY	0.8980, 0.8353, 0.7882
CMYK	0.52, 0.22, 0.00, 0.79
HSL	206°, 35%, 16%
HSV	206°, 52%, 21%
XYZ	1.9198, 2.1419, 3.8023
YIQ	38.5840, -13.3880, 0.3400

Conversions

Conversions Part 2

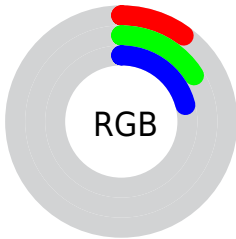
Format	Color
R _Y B	26, 36, 54
Decimal	1714742
CIE Lab	16.21, -2.69, -9.83
CIE LCh	16, 10.190, 254.702
Yxy	2.1419, 0.2441, 0.2724
Android (android.graphics.Color)	4279904822 (0xFF1A2A36)
YUV	38.5840, 7.6001, -11.0362
Hunter-Lab	14.6352, -2.1962, -5.1591

Details

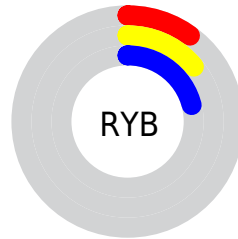
The Hex color **1A2A36** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **36261A**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **475765**, and **000008** is the 20% darker color. If you saturate the color by 10%, you get **152836**, and if you desaturate by 10%, it is **1F2C36**.

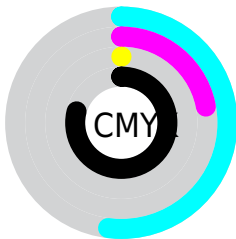
Distribution



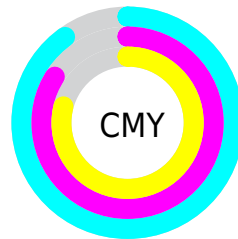
- Red (10%)
- Green (16%)
- Blue (21%)



- Red (10%)
- Yellow (14%)
- Blue (21%)



- Cyan (52%)
- Magenta (22%)
- Yellow (0%)
- Black (79%)



- Cyan (90%)
- Magenta (84%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A2A36 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 1A2A36 by changing the saturation by 10% instead.

■ 1A2A36

■ 1A2A36

FFFFFF

■ 031621

■ 475765

■ 000008

■ 5F707E

■ 000000

■ 788998

■ 92A3B2

■ ADBECE

■ C8DAEA

■ E5F6FF

■ 1A2A36

■ 1A2A36

■ 152836

■ 1F2C36

■ 0F2536

■ 252F36

■ 0A2336

■ 2A3136

■ 042136

■ 303336

■ 001F36

■ 353636

■ 3A3836

■ 403A36

■ 453D36

■ 4B3F36

Harmonies

Analogous

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



132C32



1A2A36



242836

Triad

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



1A2A36



372325



222B1E

Complementary

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



1A2A36



36261A

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.



2A291A



1A2A36



35241E

Square

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



1A2A36



34232C



31261A



192C24

Rectangle

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



1A2A36



2B2634



31261A



242A1C

Sweetspot

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



1A2A36



3C4347



1A3626



1D2124



A3A3A3



242424

Same Dimension

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



1A2A36



1B3447



1A1C36



191B1C



00345C



007DDB

Inverse Universe

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



361A2A



471B34



36341A



1C191B



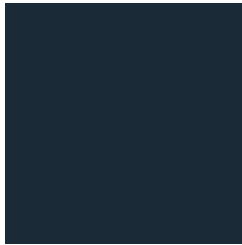
5C0034



DB007D

Previews

White Background



This preview shows how the Hex color 1A2A36 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

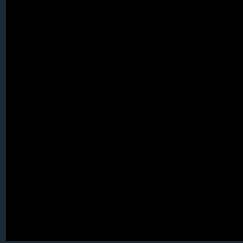
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

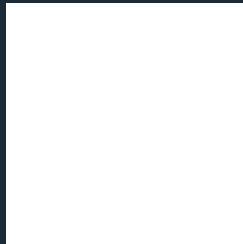
Any Text WCAG AAA × Fail

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

Hex 1A2A36 Background



This preview shows how black text looks on a background with the Hex color 1A2A36.



This preview shows how white text looks on a background with the Hex color 1A2A36.

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
1A2A36

Protanopia
252834

Deuteranopia
242837



Tritanopia
182B2F

Trichromacy



Original Color

1A2A36

Protanomaly

212935

Deuteranomaly

202937

Tritanomaly

192B32

Monochromacy



Original Color

1A2A36

Achromatopsia

272727

Achromatomaly

22282C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A2A36 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 #1A2A36 looks like.

```
.text, #text, p{  
    color:#1A2A36  
}
```

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 #1A2A36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A2A36
}
```

Border

The CSS property to change the border of an element to Hex 1A2A36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

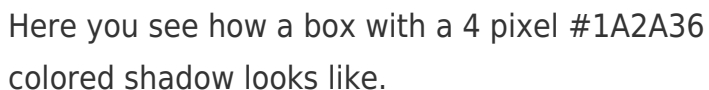
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A2A36 }
```

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

```
.border{ border-color:#1A2A36 }
```

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



Here you see how a box with a 4 pixel #1A2A36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A2A36; -webkit-box-shadow:4px 4px  
4px 4px #1A2A36; box-shadow:4px 4px 4px  
4px #1A2A36 }
```

Background

The CSS property to change the background color of an element to Hex 1A2A36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A2A36 }
```

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

```
.background{ background-color:#1A2A36 }
```

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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