

Converting Colors

Hex(1A2C49)

Have a look what the booklet for
Hex(1A2C49) contains.

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Color

Hex(1A2C49)

Conversions

Conversions Part 1

Format	Color
Hex	1A2C49
RGB	26, 44, 73
RGB Percent	10%, 17%, 29%
CMY	0.8980, 0.8275, 0.7137
CMYK	0.64, 0.40, 0.00, 0.71
HSL	217°, 47%, 19%
HSV	217°, 64%, 29%
XYZ	2.5293, 2.5020, 6.6530
YIQ	41.9240, -20.0370, 5.2030

Conversions

Conversions Part 2

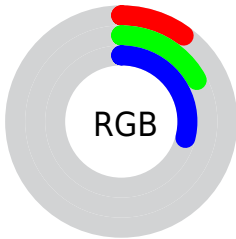
Format	Color
RYB	26, 39, 73
Decimal	1715273
CIELab	17.93, 3.04, -20.28
CIELCh	18, 20.504, 278.514
Yxy	2.5020, 0.2165, 0.2141
Android (android.graphics.Color)	4279905353 (0xFF1A2C49)
YUV	41.9240, 15.3205, -13.9653
Hunter-Lab	15.8178, 0.8613, -13.8650

Details

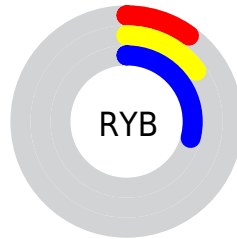
The Hex color **1A2C49** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **49371A**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **4A597A**, and **00021D** is the 20% darker color. If you saturate the color by 10%, you get **132749**, and if you desaturate by 10%, it is **213149**.

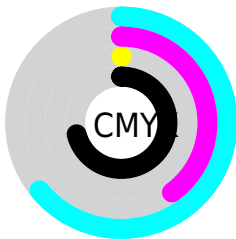
Distribution



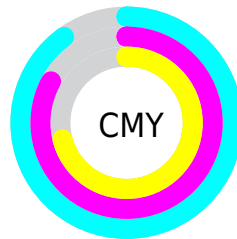
- Red (10%)
- Green (17%)
- Blue (29%)



- Red (10%)
- Yellow (15%)
- Blue (29%)



- Cyan (64%)
- Magenta (40%)
- Yellow (0%)
- Black (71%)



- Cyan (90%)
- Magenta (83%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A2C49 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 1A2C49 by changing the saturation by 10% instead.

■ 1A2C49

■ 1A2C49

FFFFFF

■ 011832

■ 4A597A

■ 00021D

■ 637294

■ 000000

■ 7D8BAE

■ 97A5CA

■ B2C0E6

■ CEDCFF

■ EAF9FF

■ 1A2C49

■ 1A2C49

■ 132749

■ 213149

■ 0B2349

■ 293549

■ 041E49

■ 303A49

■ 001C49

■ 373E49

■ 3F4349

■ 464749

■ 4D4C49

■ 545049

■ 5C5549

Harmonies

Analogous

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



003047



1A2C49



332643

Triad

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



1A2C49



45221A



0B3321

Complementary

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



1A2C49



49371A

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.



213014



1A2C49



3D2710

Square

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



1A2C49



471F28



312C0D



003330

Rectangle

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



1A2C49



3D233B



312C0D



13321C

Sweetspot

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



1A2C49



4C535E



1A4937



252A30



B0B0B0



303030

Same Dimension

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



1A2C49



16325E



1F1A49



202124



002663



0057E3

Inverse Universe

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



491A2C



5E1632



44491A



242021



630026



E30057

Previews

White Background



This preview shows how the Hex color 1A2C49 looks on a white background.

Color Contrast Check

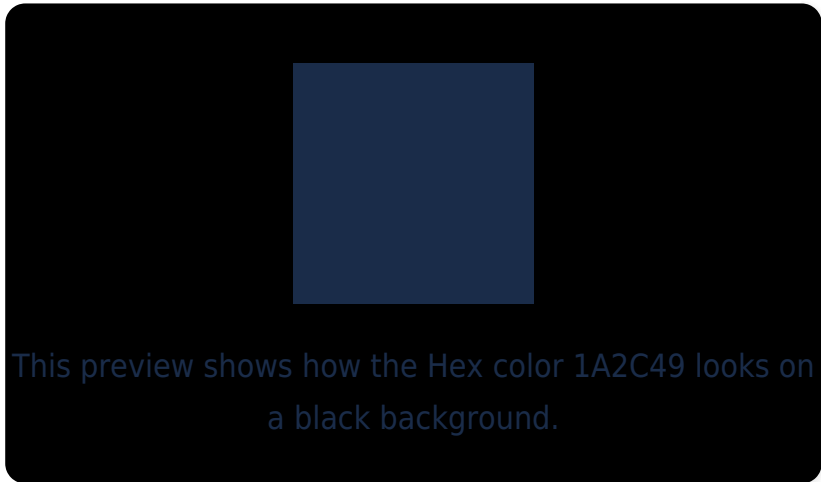
Large Text (above 18pt) WCAG AA ✓ Pass

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

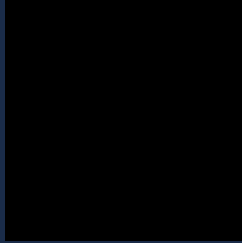
Any Text WCAG AA × Fail

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 1A2C49 Background



This preview shows how black text looks on a background with the Hex color 1A2C49.



This preview shows how white text looks on a background with the Hex color 1A2C49.

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
1A2C49

Protanopia
202B48

Deuteranopia
192C49



Tritanopia
0E3034

Trichromacy



Original Color
1A2C49

Protanomaly
1E2B48

Deuteranomaly
192C49

Tritanomaly
122F3C

Monochromacy



Original Color
1A2C49

Achromatopsia
2A2A2A

Achromatomaly
242B35

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A2C49 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 #1A2C49 looks like.

```
.text, #text, p{  
    color:#1A2C49  
}
```

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 #1A2C49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A2C49
}
```

Border

The CSS property to change the border of an element to Hex 1A2C49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

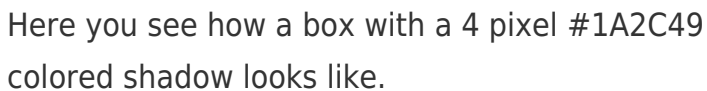
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1A2C49 }
```

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

```
.border{ border-color:#1A2C49 }
```

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



Here you see how a box with a 4 pixel #1A2C49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A2C49; -webkit-box-shadow:4px 4px  
4px 4px #1A2C49; box-shadow:4px 4px 4px  
4px #1A2C49 }
```

Background

The CSS property to change the background color of an element to Hex 1A2C49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A2C49 }
```

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

```
.background{ background-color:#1A2C49 }
```

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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