

Converting Colors

Hex(1A304C)

Have a look what the booklet for
Hex(1A304C) contains.

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Color

Hex(1A304C)

Conversions

Conversions Part 1

Format	Color
Hex	1A304C
RGB	26, 48, 76
RGB Percent	10%, 19%, 30%
CMY	0.8980, 0.8118, 0.7020
CMYK	0.66, 0.37, 0.00, 0.70
HSL	214°, 49%, 20%
HSV	214°, 66%, 30%
XYZ	2.7875, 2.8553, 7.2417
YIQ	44.6140, -22.1000, 4.0440

Conversions

Conversions Part 2

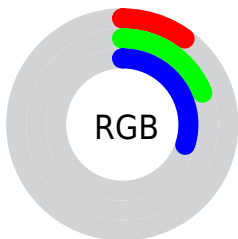
Format	Color
RYB	26, 41, 76
Decimal	1716300
CIELab	19.45, 1.37, -19.90
CIELCh	19, 19.950, 273.934
Yxy	2.8553, 0.2163, 0.2216
Android (android.graphics.Color)	4279906380 (0xFF1A304C)
YUV	44.6140, 15.4733, -16.3245
Hunter-Lab	16.8977, -0.1254, -13.5810

Details

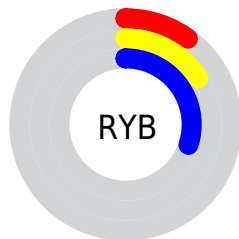
The Hex color **1A304C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4C361A**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **4B5E7D**, and **000220** is the 20% darker color. If you saturate the color by 10%, you get **122C4C**, and if you desaturate by 10%, it is **22344C**.

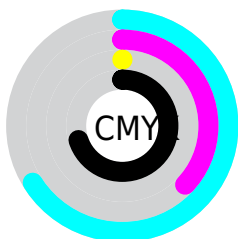
Distribution



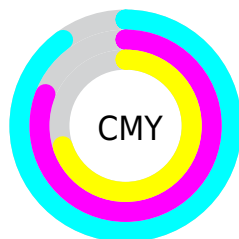
- Red (10%)
- Green (19%)
- Blue (30%)



- Red (10%)
- Yellow (16%)
- Blue (30%)



- Cyan (66%)
- Magenta (37%)
- Yellow (0%)
- Black (70%)



- Cyan (90%)
- Magenta (81%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A304C 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 1A304C by changing the saturation by 10% instead.

■ 1A304C

■ 1A304C

FFFFFF

■ 001B35

■ 4B5E7D

■ 000220

■ 647697

■ 000004

■ 7D90B2

■ 000000

■ 98AACD

■ B3C6EA

■ CFE2FF

■ EBFEEF

■ 1A304C

■ 1A304C

■ 122C4C

■ 22344C

■ 0B274C

■ 29394C

■ 03234C

■ 313D4C

■ 00214C

■ 38414C

■ 40454C

■ 484A4C

■ 4F4E4C

■ 57524C

■ 5E564C

Harmonies

Analogous

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



003449



1A304C



332B47

Triad

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



1A304C



492520



143622

Complementary

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



1A304C



4C361A

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.



273316



1A304C



422A15

Square

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



1A304C



4A232E



362F11



003731

Rectangle

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



1A304C



3E2740



362F11



1B351D

Sweetspot

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



1A304C



505863



1A4C35



272C33



B3B3B3



333333

Same Dimension

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



1A304C



153763



1D1A4C



222426



002D66



0065E6

Inverse Universe

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



4C1A30



631537



4A4C1A



262224



66002D



E60065

Previews

White Background



This preview shows how the Hex color 1A304C looks on a white background.

Color Contrast Check

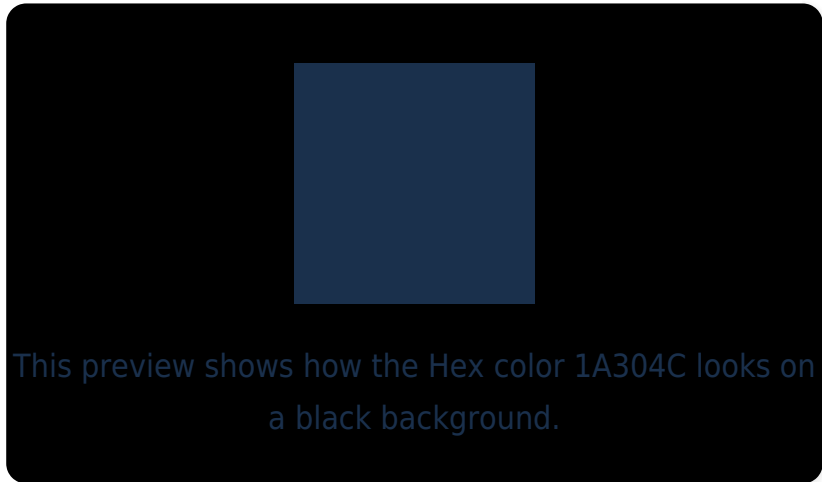
Large Text (above 18pt) WCAG AA ✓ Pass

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

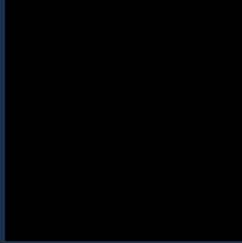
Any Text WCAG AA × Fail

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 1A304C Background



This preview shows how black text looks on a background with the Hex color 1A304C.



This preview shows how white text looks on a background with the Hex color 1A304C.

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](#).

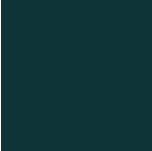
Dichromacy



Original Color
1A304C

Protanopia
252E4A

Deuteranopia
1E2F4C



Tritanopia
0E3438

Trichromacy



Original Color
1A304C

Protanomaly
212F4B

Deuteranomaly
1D2F4C

Tritanomaly
12333F

Monochromacy



Original Color
1A304C

Achromatopsia
2D2D2D

Achromatomaly
262E38

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A304C 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 #1A304C looks like.

```
.text, #text, p{  
    color:#1A304C  
}
```

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 #1A304C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A304C  
}
```

Border

The CSS property to change the border of an element to Hex 1A304C is called "border". The border property can be set on classes, ids or directly on the HTML element.

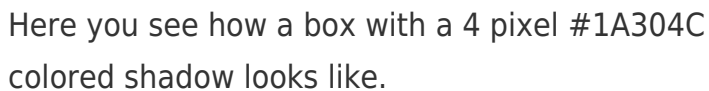
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#1A304C }
```

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

```
.border{ border-color:#1A304C }
```

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



Here you see how a box with a 4 pixel #1A304C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A304C; -webkit-box-shadow:4px 4px  
4px 4px #1A304C; box-shadow:4px 4px 4px  
4px #1A304C }
```

Background

The CSS property to change the background color of an element to Hex 1A304C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A304C }
```

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

```
.background{ background-color:#1A304C }
```

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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