

Converting Colors

Hex(00314A)

Have a look what the booklet for
Hex(00314A) contains.

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Color

Hex(00314A)

Conversions

Conversions Part 1

Format	Color
Hex	00314A
RGB	0, 49, 74
RGB Percent	0%, 19%, 29%
CMY	1.0000, 0.8078, 0.7098
CMYK	1.00, 0.34, 0.00, 0.71
HSL	200°, 100%, 15%
HSV	200°, 100%, 29%
XYZ	2.3343, 2.6910, 6.8750
YIQ	37.1990, -37.2290, -2.6130

Conversions

Conversions Part 2

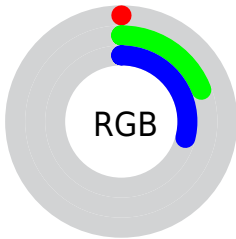
Format	Color
RYB	0, 29, 74
Decimal	12618
CIELab	18.76, -4.50, -19.71
CIELCh	19, 20.213, 257.148
Yxy	2.6910, 0.1962, 0.2261
Android (android.graphics.Color)	4278202698 (0xFF00314A)
YUV	37.1990, 18.1429, -32.6235
Hunter-Lab	16.4044, -3.3071, -13.3649

Details

The Hex color **00314A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4A1900**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **3B5F7B**, and **00021E** is the 20% darker color. If you saturate the color by 10%, you get **00314A**, and if you desaturate by 10%, it is **07344A**.

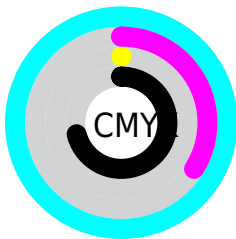
Distribution



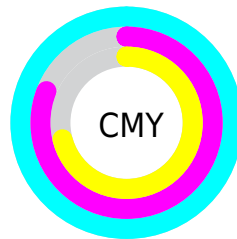
- Red (0%)
- Green (19%)
- Blue (29%)



- Red (0%)
- Yellow (11%)
- Blue (29%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (81%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00314A 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 00314A by changing the saturation by 10% instead.

 00314A

 00314A

 F9FFFF

 001C33

 3B5F7B

 00021E

 547895

 000001

 6E91AF

 000000

 89ACCB

 A4C7E7

 BFE3FF

 DCFFFF

 00314A

■ 07344A

■ 0F364A

■ 16394A

■ 1E3B4A

■ 253E4A

■ 2C404A

■ 34434A

■ 3B454A

■ 43484A

Harmonies

Analogous

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



003443



00314A



242C4A

Triad

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



00314A



492226



1D3319

Complementary

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



00314A



4A1900

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.



2E2F11



00314A



452519

Square

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



00314A



462235



3C2B11



053527

Rectangle

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



00314A



332845



3C2B11



233215

Sweetspot

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



00314A



445761



004A19



1F2B30



B0B0B0



303030

Same Dimension

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



00314A



004061



000C4A



222526



004466



0098E6

Inverse Universe

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



4A0031



610040



4A3E00



262225



660044



E60098

Previews

White Background



This preview shows how the Hex color 00314A looks on a white background.

Color Contrast Check

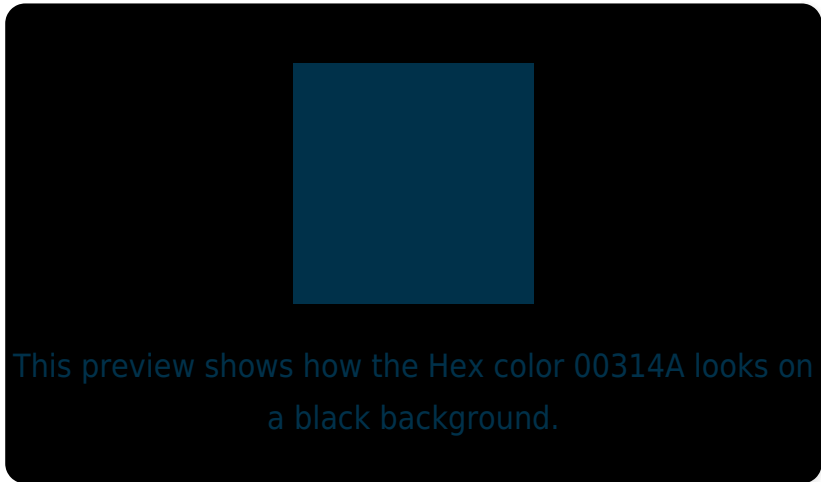
Large Text (above 18pt) WCAG AA ✓ Pass

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

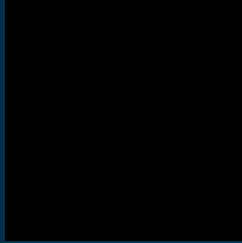
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

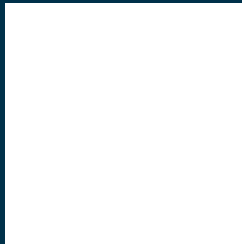
Any Text WCAG AAA × Fail

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

Hex 00314A Background



This preview shows how black text looks on a background with the Hex color 00314A.



This preview shows how white text looks on a background with the Hex color 00314A.

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
00314A

Protanopia
252E47

Deuteranopia
1E2E4B

Trichromacy



Original Color
00314A

Protanomaly
182F48

Deuteranomaly
132F4B

Tritanomaly
00333E

Monochromacy



Original Color
00314A

Achromatopsia
252525

Achromatomaly
182932

CSS Examples

Text

The CSS property to change the color of the text to Hex 00314A 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 #00314A looks like.

```
.text, #text, p{  
    color:#00314A  
}
```

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 #00314A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00314A
}
```

Border

The CSS property to change the border of an element to Hex 00314A 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
#00314A }
```

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

```
.border{ border-color:#00314A }
```

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

Here you see how a box with a 4 pixel #00314A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00314A; -webkit-box-shadow:4px 4px  
4px 4px #00314A; box-shadow:4px 4px 4px  
4px #00314A }
```

Background

The CSS property to change the background color of an element to Hex 00314A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00314A }
```

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

```
.background{ background-color:#00314A }
```

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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