

Converting Colors

Hex(314A44)

Have a look what the booklet for
Hex(314A44) contains.

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Color

Hex(314A44)

Conversions

Conversions Part 1

Format	Color
Hex	314A44
RGB	49, 74, 68
RGB Percent	19%, 29%, 27%
CMY	0.8078, 0.7098, 0.7333
CMYK	0.34, 0.00, 0.08, 0.71
HSL	166°, 20%, 24%
HSV	166°, 34%, 29%
XYZ	4.7588, 5.9679, 6.3699
YIQ	65.8410, -12.9740, -7.1660

Conversions

Conversions Part 2

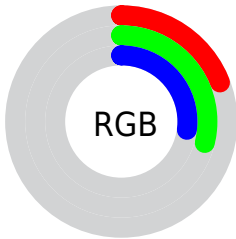
Format	Color
R_{YB}	49, 63, 74
Decimal	3230276
CIE Lab	29.33, -11.11, 0.52
CIE LCh	29, 11.121, 177.336
Yxy	5.9679, 0.2783, 0.3491
Android (android.graphics.Color)	4281420356 (0xFF314A44)
YUV	65.8410, 1.0644, -14.7696
Hunter-Lab	24.4292, -7.9796, 1.6406

Details

The Hex color **314A44** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4A3137**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **607B74**, and **051E19** is the 20% darker color. If you saturate the color by 10%, you get **2A4A42**, and if you desaturate by 10%, it is **384A46**.

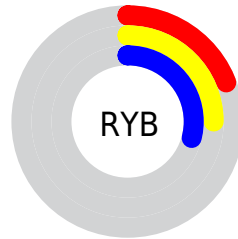
Distribution



Red (19%)

Green (29%)

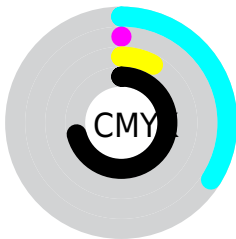
Blue (27%)



Red (19%)

Yellow (25%)

Blue (29%)

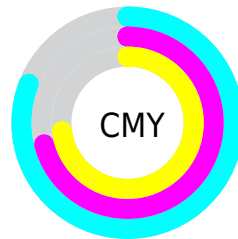


Cyan (34%)

Magenta (0%)

Yellow (8%)

Black (71%)



Cyan (81%)

Magenta (71%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 314A44 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 314A44 by changing the saturation by 10% instead.



314A44



314A44

FFFFFF



1B332E



607B74



051E19



79958E



000000



93AFA8



AECBC3



C9E7DF



E6FFFC



314A44



314A44



2A4A42



384A46

■ 224A40

■ 404A48

■ 1B4A3F

■ 474A49

■ 134A3D

■ 4F4A4B

■ 0C4A3B

■ 564A4D

■ 054A39

■ 5D4A4F

■ 004A38

■ 654A50

■ 6C4A52

■ 744A54

Harmonies

Analogous

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



39493C



314A44



2D4A4D

Triad

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



314A44



464354



534137

Complementary

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



314A44



4A3137

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.



573F3E



314A44



50414F

Square

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



314A44



3A4656



563F46



4C4434

Rectangle

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



314A44



2F4951



563F46



554139

Sweetspot

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



314A44



57615F



374A31



2B302F



B0B0B0



303030

Same Dimension

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



314A44



396157



31444A



222625



00664E



00E6AE

Inverse Universe

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



4A3137



613943



4A3731



262223



660018



E60037

Previews

White Background



This preview shows how the Hex color 314A44 looks on a white background.

Color Contrast Check

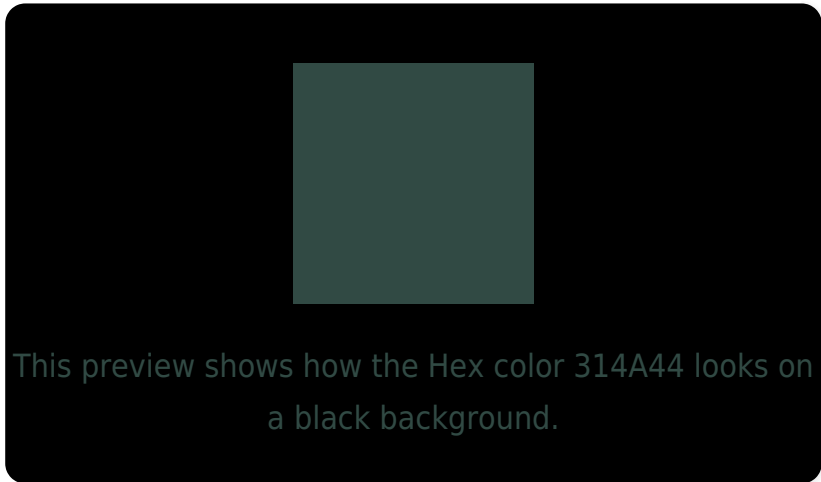
Large Text (above 18pt) WCAG AA ✓ Pass

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

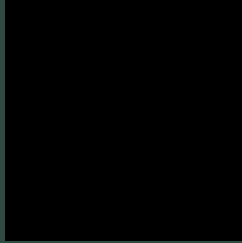
Any Text WCAG AA × Fail

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 314A44 Background



This preview shows how black text looks on a background with the Hex color 314A44.



This preview shows how white text looks on a background with the Hex color 314A44.

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

314A44

Protanopia

474541

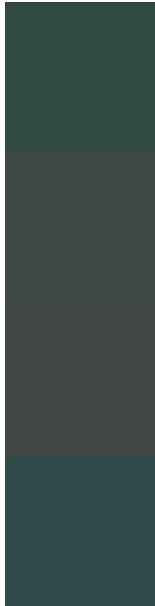
Deuteranopia

4B4346



Tritanopia
33484E

Trichromacy



Original Color

314A44

Protanomaly

3F4742

Deuteranomaly

424645

Tritanomaly

32494A

Monochromacy



Original Color

314A44

Achromatopsia

424242

Achromatomaly

3C4543

CSS Examples

Text

The CSS property to change the color of the text to Hex 314A44 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 #314A44 looks like.

```
.text, #text, p{  
    color:#314A44  
}
```

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 #314A44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #314A44
}
```

Border

The CSS property to change the border of an element to Hex 314A44 is called "border". The border property can be set on classes, ids or directly on the HTML element.

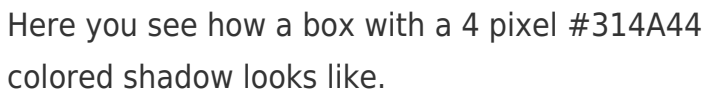
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#314A44 }
```

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

```
.border{ border-color:#314A44 }
```

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



Here you see how a box with a 4 pixel #314A44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #314A44; -webkit-box-shadow:4px 4px  
4px 4px #314A44; box-shadow:4px 4px 4px  
4px #314A44 }
```

Background

The CSS property to change the background color of an element to Hex 314A44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#314A44 }
```

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

```
.background{ background-color:#314A44 }
```

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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