

Converting Colors

Hex(314268)

Have a look what the booklet for
Hex(314268) contains.

Hex(314268)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(314268)

Conversions

Conversions Part 1

Format	Color
Hex	314268
RGB	49, 66, 104
RGB Percent	19%, 26%, 41%
CMY	0.8078, 0.7412, 0.5922
CMYK	0.53, 0.37, 0.00, 0.59
HSL	221°, 36%, 30%
HSV	221°, 53%, 41%
XYZ	5.7135, 5.5489, 13.8666
YIQ	65.2490, -22.3300, 8.2140

Conversions

Conversions Part 2

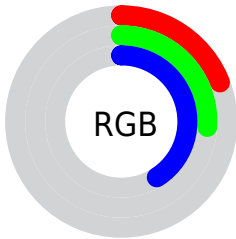
Format	Color
R_{YB}	49, 62, 104
Decimal	3228264
CIE _{Lab}	28.24, 5.16, -24.34
CIE _{LCh}	28, 24.880, 281.962
Yxy	5.5489, 0.2274, 0.2208
Android (android.graphics.Color)	4281418344 (0xFF314268)
YUV	65.2490, 19.1042, -14.2504
Hunter-Lab	23.5560, 2.0722, -18.4127

Details

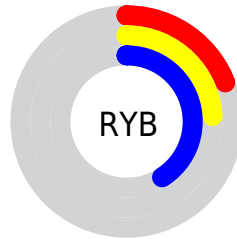
The Hex color **314268** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **685731**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **63729B**, and **001839** is the 20% darker color. If you saturate the color by 10%, you get **273B68**, and if you desaturate by 10%, it is **3B4968**.

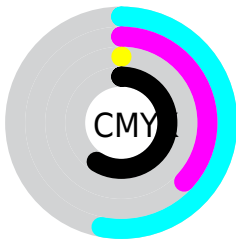
Distribution



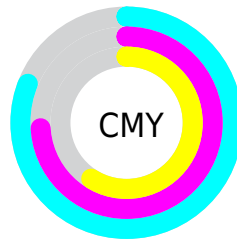
- Red (19%)
- Green (26%)
- Blue (41%)



- Red (19%)
- Yellow (24%)
- Blue (41%)



- Cyan (53%)
- Magenta (37%)
- Yellow (0%)
- Black (59%)



- Cyan (81%)
- Magenta (74%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 314268 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 314268 by changing the saturation by 10% instead.

■ 314268

■ 314268

FFFFFF

■ 182C50

■ 63729B

■ 001839

■ 7D8BB6

■ 000223

■ 97A5D2

■ 00000A

■ B3C0EE

■ 000000

■ CFDCFF

■ EBF9FF

■ 314268

■ 314268

■ 273B68

■ 3B4968

■ 1C3468

■ 465068

■ 122C68

■ 505868

■ 072568

■ 5B5F68

■ 002068

■ 656668

■ 6F6D68

■ 7A7468

■ 847B68

■ 8F8368

Harmonies

Analogous

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



004867



314268



4E3B5F

Triad

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



314268



63372A



154C36

Complementary

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



314268



685731

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.



324925



314268



583D1E

Square

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



314268



67333C



47441C



004C4A

Rectangle

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



314268



5B3655



47441C



214B30

Sweetspot

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



314268



727887



316857



383C45



C4C4C4



454545

Same Dimension

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



314268



324C87



3B3168



2E2F33



002373



004BF2

Inverse Universe

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



683142



87324C



5E6831



332E2F



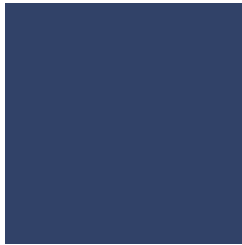
730023



F2004B

Previews

White Background



This preview shows how the Hex color 314268 looks on a white background.

Color Contrast Check

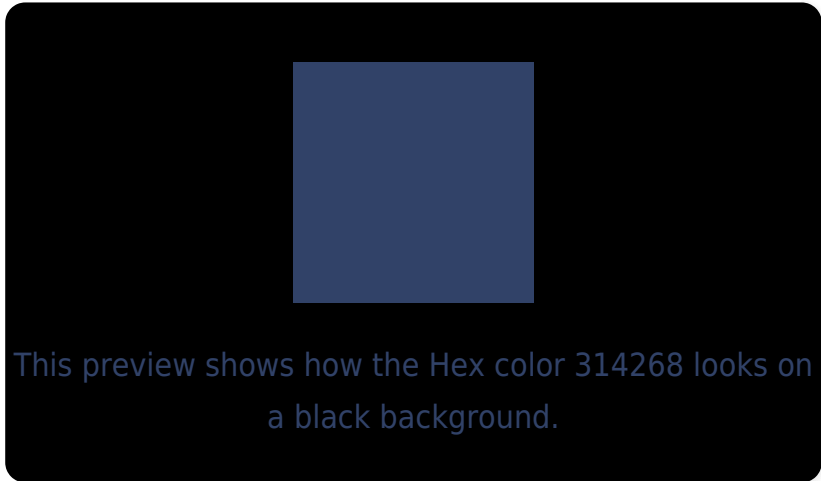
Large Text (above 18pt) WCAG AA ✓ Pass

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

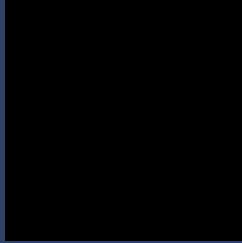
Any Text WCAG AA × Fail

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 314268 Background



This preview shows how black text looks on a background with the Hex color 314268.



This preview shows how white text looks on a background with the Hex color 314268.

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

314268

Protanopia

354167

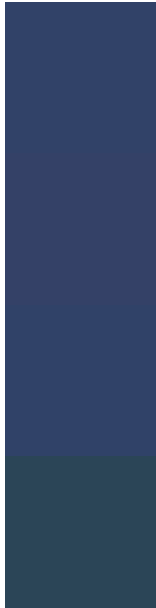
Deuteranopia

2F4268



Tritanopia
28474D

Trichromacy



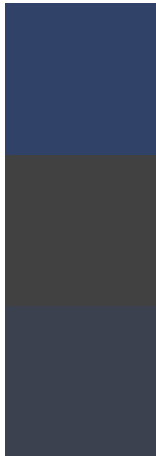
Original Color
314268

Protanomaly
344167

Deuteranomaly
304268

Tritanomaly
2B4557

Monochromacy



Original Color
314268

Achromatopsia
414141

Achromatomaly
3B414F

CSS Examples

Text

The CSS property to change the color of the text to Hex 314268 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 #314268 looks like.

```
.text, #text, p{  
    color:#314268  
}
```

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 #314268 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #314268  
}
```

Border

The CSS property to change the border of an element to Hex 314268 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".

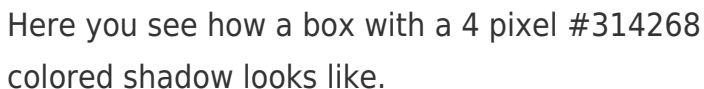
```
.border, #border, table{ border:4px solid  
#314268 }
```

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

```
.border{ border-color:#314268 }
```

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

Here you see how a box with a 4 pixel #314268 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #314268; -webkit-box-shadow:4px 4px  
4px 4px #314268; box-shadow:4px 4px 4px  
4px #314268 }
```

Background

The CSS property to change the background color of an element to Hex 314268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#314268 }
```

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

```
.background{ background-color:#314268 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor