

Converting Colors

Hex(314360)

Have a look what the booklet for
Hex(314360) contains.

Hex(314360)	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(314360)

Conversions

Conversions Part 1

Format	Color
Hex	314360
RGB	49, 67, 96
RGB Percent	19%, 26%, 38%
CMY	0.8078, 0.7373, 0.6235
CMYK	0.49, 0.30, 0.00, 0.62
HSL	217°, 32%, 28%
HSV	217°, 49%, 38%
XYZ	5.3851, 5.5118, 11.8464
YIQ	64.9240, -20.0370, 5.2030

Conversions

Conversions Part 2

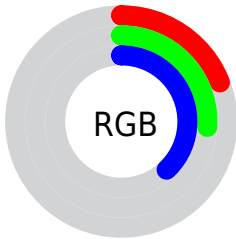
Format	Color
R_{YB}	49, 62, 96
Decimal	3228512
CIE _{Lab}	28.15, 1.75, -19.37
CIE _{LCh}	28, 19.444, 275.178
Yxy	5.5118, 0.2368, 0.2423
Android (android.graphics.Color)	4281418592 (0xFF314360)
YUV	64.9240, 15.3205, -13.9653
Hunter-Lab	23.4772, -0.1417, -13.4831




Details

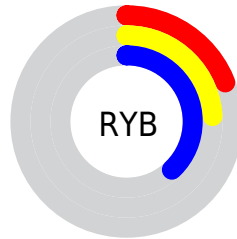
The Hex color **314360** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **604E31**, and the grayscale version is **414141**.




A 20% lighter version of the original color is **627393**, and **001932** is the 20% darker color. If you saturate the color by 10%, you get **273D60**, and if you desaturate by 10%, it is **3B4960**.

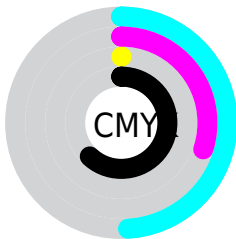
Distribution







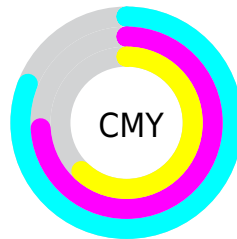
-  Red (19%)
-  Green (26%)
-  Blue (38%)






-  Red (19%)
-  Yellow (24%)
-  Blue (38%)



-  Cyan (49%)
-  Magenta (30%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (81%)
-  Magenta (74%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 314360 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 314360 by changing the saturation by 10% instead.

■ 314360

■ 314360

FFFFFF

■ 192D48

■ 627393

■ 001932

■ 7B8CAD

■ 00021D

■ 96A7C9

■ 000000

■ B1C2E5

■ CDDEFF

■ E9FAFF

■ 314360

■ 314360

■ 273D60

■ 3B4960

■ 1E3760

■ 444F60

■ 143160

■ 4E5560

■ 0B2B60

■ 575B60

■ 012560

■ 616160

■ 002560

■ 6B6760

■ 746C60

■ 7E7260

■ 877860

Harmonies

Analogous

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



16475D



314360



483E5B

Triad

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



314360



5E3932



284935

Complementary

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



314360



604E31

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.



3A4729



314360



573D28

Square

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



314360



5F3740



4A4224



124A45

Rectangle

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



314360



533A54



4A4224



2E4931

Sweetspot

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



314360



6A717D



31604E



343940



BFBFBF



404040

Same Dimension

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



314360



334F7D



363160



2C2D30



002B70



005CF0

Inverse Universe

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



603143



7D334F



5B6031



302C2D



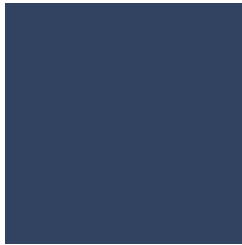
70002B



F0005C

Previews

White Background



This preview shows how the Hex color 314360 looks on a white background.

Color Contrast Check

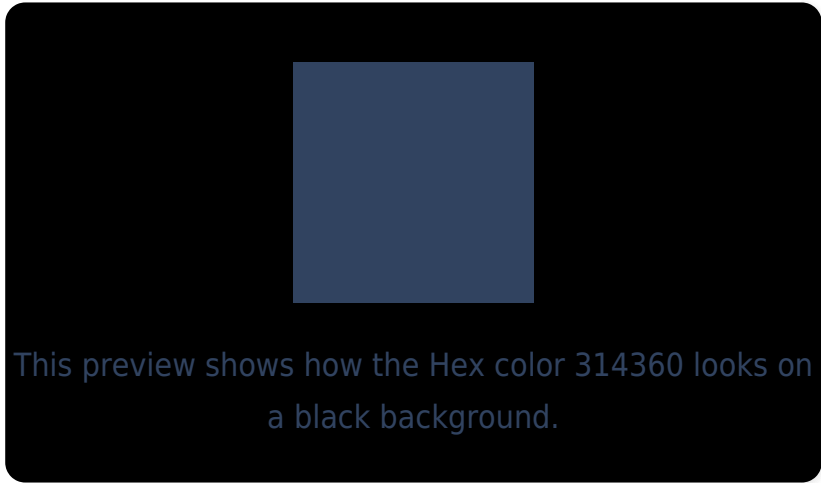
Large Text (above 18pt) WCAG AA ✓ Pass

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

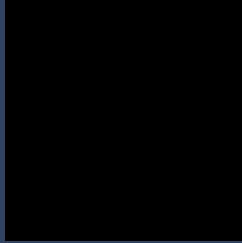
Any Text WCAG AA × Fail

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 314360 Background



This preview shows how black text looks on a background with the Hex color 314360.



This preview shows how white text looks on a background with the Hex color 314360.

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
314360

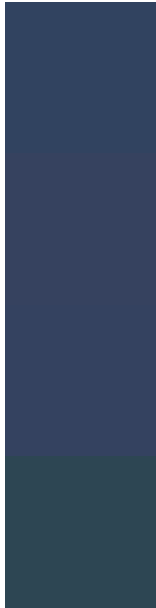
Protanopia
39415F

Deuteranopia
364260



Tritanopia
2B474C

Trichromacy



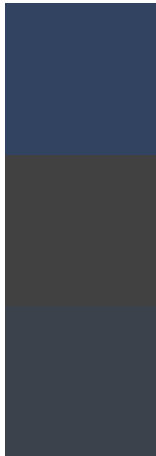
Original Color
314360

Protanomaly
36425F

Deuteranomaly
344260

Tritanomaly
2D4653

Monochromacy



Original Color
314360

Achromatopsia
414141

Achromatomaly
3B424C

CSS Examples

Text

The CSS property to change the color of the text to Hex 314360 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 #314360 looks like.

```
.text, #text, p{  
    color:#314360  
}
```

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 #314360 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #314360
}
```

Border

The CSS property to change the border of an element to Hex 314360 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
#314360 }
```

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

```
.border{ border-color:#314360 }
```

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

Here you see how a box with a 4 pixel #314360 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #314360; -webkit-box-shadow:4px 4px  
4px 4px #314360; box-shadow:4px 4px 4px  
4px #314360 }
```

Background

The CSS property to change the background color of an element to Hex 314360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#314360 }
```

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

```
.background{ background-color:#314360 }
```

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