

Converting Colors

Hex(314065)

Have a look what the booklet for
Hex(314065) contains.

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Color

Hex(314065)

Conversions

Conversions Part 1

Format	Color
Hex	314065
RGB	49, 64, 101
RGB Percent	19%, 25%, 40%
CMY	0.8078, 0.7490, 0.6039
CMYK	0.51, 0.37, 0.00, 0.60
HSL	223°, 35%, 29%
HSV	223°, 51%, 40%
XYZ	5.4490, 5.2593, 13.0399
YIQ	63.7330, -20.8170, 8.3270

Conversions

Conversions Part 2

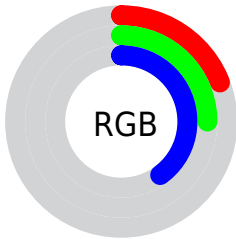
Format	Color
R_{YB}	49, 61, 101
Decimal	3227749
CIE _{Lab}	27.46, 5.46, -23.65
CIE _{LCh}	27, 24.272, 283.005
Yxy	5.2593, 0.2294, 0.2215
Android (android.graphics.Color)	4281417829 (0xFF314065)
YUV	63.7330, 18.3726, -12.9208
Hunter-Lab	22.9333, 2.2787, -17.6591

Details

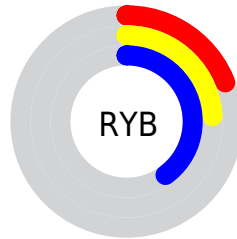
The Hex color **314065** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **655631**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **636F98**, and **001636** is the 20% darker color. If you saturate the color by 10%, you get **273965**, and if you desaturate by 10%, it is **3B4765**.

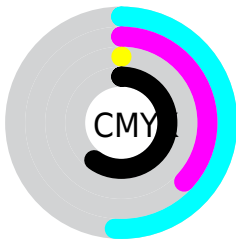
Distribution



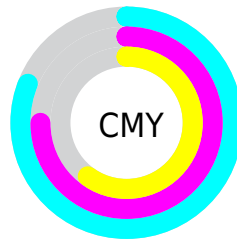
- Red (19%)
- Green (25%)
- Blue (40%)



- Red (19%)
- Yellow (24%)
- Blue (40%)



- Cyan (51%)
- Magenta (37%)
- Yellow (0%)
- Black (60%)



- Cyan (81%)
- Magenta (75%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 314065 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 314065 by changing the saturation by 10% instead.

■ 314065

■ 314065

FFFFFF

■ 182A4D

■ 636F98

■ 001636

■ 7C89B3

■ 000220

■ 97A3CF

■ 000005

■ B2BEEB

■ 000000

■ CEDAFF

■ EAF6FF

■ 314065

■ 314065

■ 273965

■ 3B4765

■ 1D3265

■ 454E65

■ 132A65

■ 4F5665

■ 092365

■ 595D65

■ 001D65

■ 646465

■ 6E6B65

■ 787265

■ 827965

■ 8C8165

Harmonies

Analogous

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



004664



314065



4D395C

Triad

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



314065



603528



144A35

Complementary

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



314065



655631

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.



304725



314065



553C1D

Square

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



314065



643239



44421B



004A49

Rectangle

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



314065



593552



44421B



1F492F

Sweetspot

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



314065



6F7482



316555



363A42



C2C2C2



424242

Same Dimension

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



314065



314982



3B3165



2E2F33



002173



0046F2

Inverse Universe

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



653140



823149



5B6531



332E2F



730021



F20046

Previews

White Background



This preview shows how the Hex color 314065 looks on a white background.

Color Contrast Check

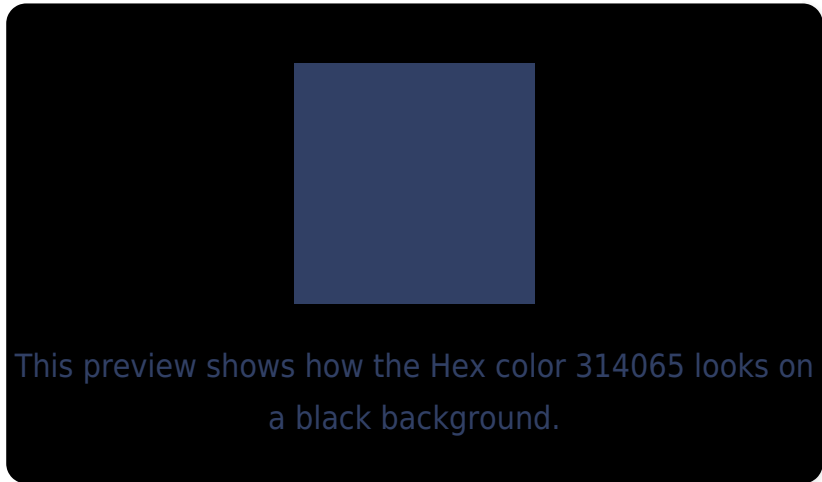
Large Text (above 18pt) WCAG AA ✓ Pass

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

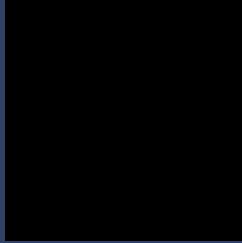
Any Text WCAG AA × Fail

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 314065 Background



This preview shows how black text looks on a background with the Hex color 314065.



This preview shows how white text looks on a background with the Hex color 314065.

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
314065

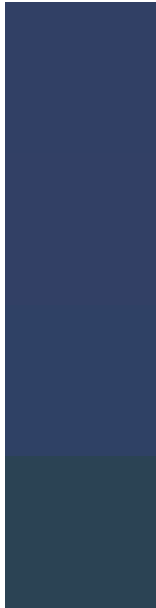
Protanopia
334065

Deuteranopia
2E4165



Tritanopia
28454B

Trichromacy



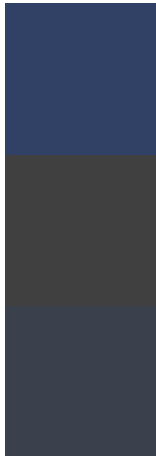
Original Color
314065

Protanomaly
324065

Deuteranomaly
2F4165

Tritanomaly
2B4354

Monochromacy



Original Color
314065

Achromatopsia
404040

Achromatomaly
3B404D

CSS Examples

Text

The CSS property to change the color of the text to Hex 314065 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 #314065 looks like.

```
.text, #text, p{  
    color:#314065  
}
```

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 #314065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #314065
}
```

Border

The CSS property to change the border of an element to Hex 314065 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
#314065 }
```

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

```
.border{ border-color:#314065 }
```

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

Here you see how a box with a 4 pixel #314065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #314065; -webkit-box-shadow:4px 4px  
4px 4px #314065; box-shadow:4px 4px 4px  
4px #314065 }
```

Background

The CSS property to change the background color of an element to Hex 314065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#314065 }
```

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

```
.background{ background-color:#314065 }
```

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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