

Converting Colors

Hex(314B76)

Have a look what the booklet for
Hex(314B76) contains.

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Color

Hex(314B76)

Conversions

Conversions Part 1

Format	Color
Hex	314B76
RGB	49, 75, 118
RGB Percent	19%, 29%, 46%
CMY	0.8078, 0.7059, 0.5373
CMYK	0.58, 0.36, 0.00, 0.54
HSL	217°, 41%, 33%
HSV	217°, 58%, 46%
XYZ	7.0527, 6.9931, 18.1176
YIQ	72.1280, -29.2990, 7.8610

Conversions

Conversions Part 2

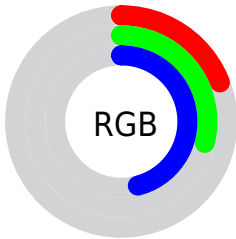
Format	Color
R_{YB}	49, 68, 118
Decimal	3230582
CIE _{Lab}	31.79, 4.11, -27.61
CIE _{LCh}	32, 27.910, 278.471
Yxy	6.9931, 0.2193, 0.2174
Android (android.graphics.Color)	4281420662 (0xFF314B76)
YUV	72.1280, 22.6149, -20.2833
Hunter-Lab	26.4445, 1.3278, -22.1095




Details

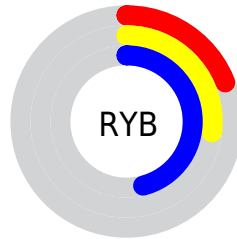
The Hex color **314B76** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **765C31**, and the grayscale version is **484848**.




A 20% lighter version of the original color is **657BAA**, and **002045** is the 20% darker color. If you saturate the color by 10%, you get **254476**, and if you desaturate by 10%, it is **3D5276**.

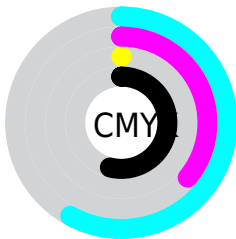
Distribution







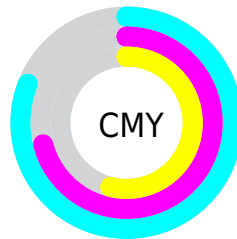
-  Red (19%)
-  Green (29%)
-  Blue (46%)






-  Red (19%)
-  Yellow (27%)
-  Blue (46%)



-  Cyan (58%)
-  Magenta (36%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (81%)
-  Magenta (71%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 314B76 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 314B76 by changing the saturation by 10% instead.

■ 314B76

■ 314B76

FFFFFF

■ 15355D

■ 657BAA

■ 002045

■ 7F95C6

■ 00072F

■ 9AB0E2

■ 000119

■ B6CBFF

■ 000000

■ D2E7FF

■ EFFFFFF

■ 314B76

■ 314B76

■ 254476

■ 3D5276

■ 193C76

■ 495A76

■ 0E3576

■ 546176

■ 022E76

■ 606876

■ 002C76

■ 6C7076

■ 787776

■ 847E76

■ 8F8676

■ 9B8D76

Harmonies

Analogous

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



005173



314B76



55436D

Triad

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



314B76



713C31



1B553A

Complementary

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



314B76



765C31

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.



3A5127



314B76



654422

Square

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



314B76



743845



524C1E



005651

Rectangle

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



314B76



653D62



524C1E



275433

Sweetspot

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



314B76



7D8899



31765C



3C424D



CCCCCC



4D4D4D

Same Dimension

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



314B76



2E5699



393176



35373B



002E7A



005EFA

Inverse Universe

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



76314B



992E56



6E7631



3B3537



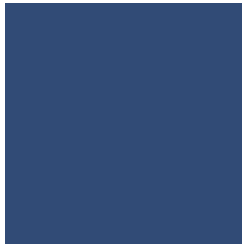
7A002E



FA005E

Previews

White Background



This preview shows how the Hex color 314B76 looks on a white background.

Color Contrast Check

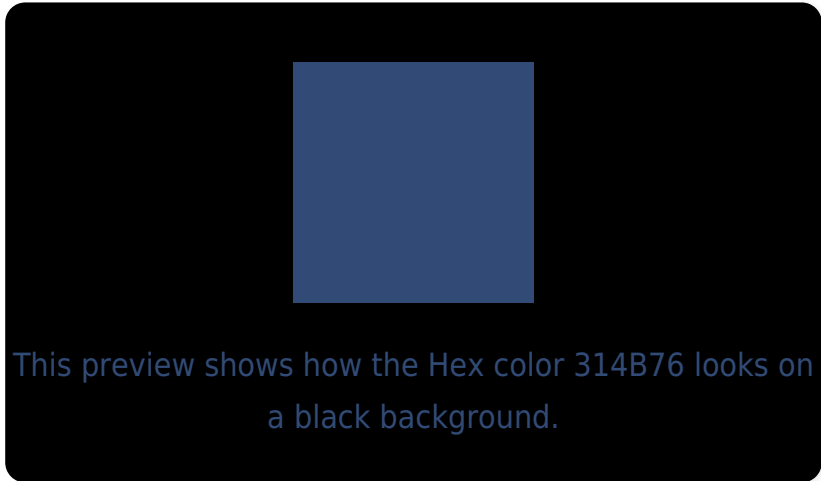
Large Text (above 18pt) WCAG AA ✓ Pass

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 314B76 Background



This preview shows how black text looks on a background with the Hex color 314B76.



This preview shows how white text looks on a background with the Hex color 314B76.

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
314B76

Protanopia
3B4974

Deuteranopia
334B76



Tritanopia
245158

Trichromacy



Original Color
314B76

Protanomaly
374A75

Deuteranomaly
324B76

Tritanomaly
294F63

Monochromacy



Original Color
314B76

Achromatopsia
484848

Achromatomaly
404959

CSS Examples

Text

The CSS property to change the color of the text to Hex 314B76 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 #314B76 looks like.

```
.text, #text, p{  
    color:#314B76  
}
```

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 #314B76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #314B76
}
```

Border

The CSS property to change the border of an element to Hex 314B76 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
#314B76 }
```

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

```
.border{ border-color:#314B76 }
```

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

Here you see how a box with a 4 pixel #314B76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #314B76; -webkit-box-shadow:4px 4px  
4px 4px #314B76; box-shadow:4px 4px 4px  
4px #314B76 }
```

Background

The CSS property to change the background color of an element to Hex 314B76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#314B76 }
```

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

```
.background{ background-color:#314B76 }
```

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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