

Converting Colors

Hex(314A6D)

Have a look what the booklet for
Hex(314A6D) contains.

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Color

Hex(314A6D)

Conversions

Conversions Part 1

Format	Color
Hex	314A6D
RGB	49, 74, 109
RGB Percent	19%, 29%, 43%
CMY	0.8078, 0.7098, 0.5725
CMYK	0.55, 0.32, 0.00, 0.57
HSL	215°, 38%, 31%
HSV	215°, 55%, 43%
XYZ	6.4757, 6.6547, 15.4112
YIQ	70.5150, -26.1350, 5.5850

Conversions

Conversions Part 2

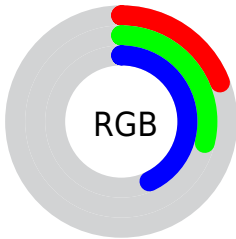
Format	Color
R_{YB}	49, 67, 109
Decimal	3230317
CIE _{Lab}	31.01, 1.60, -23.18
CIE _{LCh}	31, 23.237, 273.939
Yxy	6.6547, 0.2269, 0.2332
Android (android.graphics.Color)	4281420397 (0xFF314A6D)
YUV	70.5150, 18.9731, -18.8687
Hunter-Lab	25.7966, -0.3353, -17.3628

Details

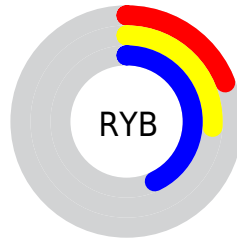
The Hex color **314A6D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6D5431**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **647AA1**, and **001F3D** is the 20% darker color. If you saturate the color by 10%, you get **26446D**, and if you desaturate by 10%, it is **3C506D**.

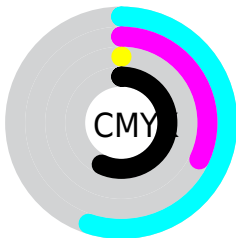
Distribution



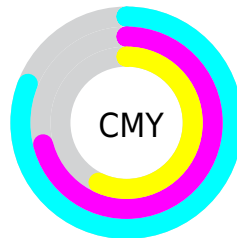
- Red (19%)
- Green (29%)
- Blue (43%)



- Red (19%)
- Yellow (26%)
- Blue (43%)



- Cyan (55%)
- Magenta (32%)
- Yellow (0%)
- Black (57%)



- Cyan (81%)
- Magenta (71%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 314A6D 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 314A6D by changing the saturation by 10% instead.

■ 314A6D

■ 314A6D

FFFFFF

■ 173455

■ 647AA1

■ 001F3D

■ 7E94BC

■ 000527

■ 98AFD8

■ 000111

■ B4CAF4

■ 000000

■ D0E6FF

■ ECFFFF

■ 314A6D

■ 314A6D

■ 26446D

■ 3C506D

■ 1B3D6D

■ 47576D

■ 10376D

■ 525D6D

■ 05316D

■ 5D636D

■ 002D6D

■ 686A6D

■ 72706D

■ 7D776D

■ 887D6D

■ 93836D

Harmonies

Analogous

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



054F69



314A6D



4E4367

Triad

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



314A6D



6A3D36



285138

Complementary

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



314A6D



6D5431

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.



3F4E2A



314A6D



614229

Square

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



314A6D



6B3A47



524924



06534B

Rectangle

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



314A6D



5C3F5F



524924



305033

Sweetspot

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



314A6D



77818F



316D54



393F47



C7C7C7



474747

Same Dimension

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



314A6D



31588F



35316D



303236



003175



0066F5

Inverse Universe

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



6D314A



8F3158



686D31



363032



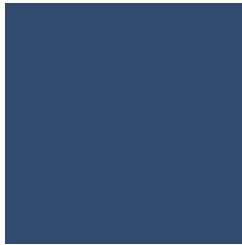
750031



F50066

Previews

White Background



This preview shows how the Hex color 314A6D looks on a white background.

Color Contrast Check

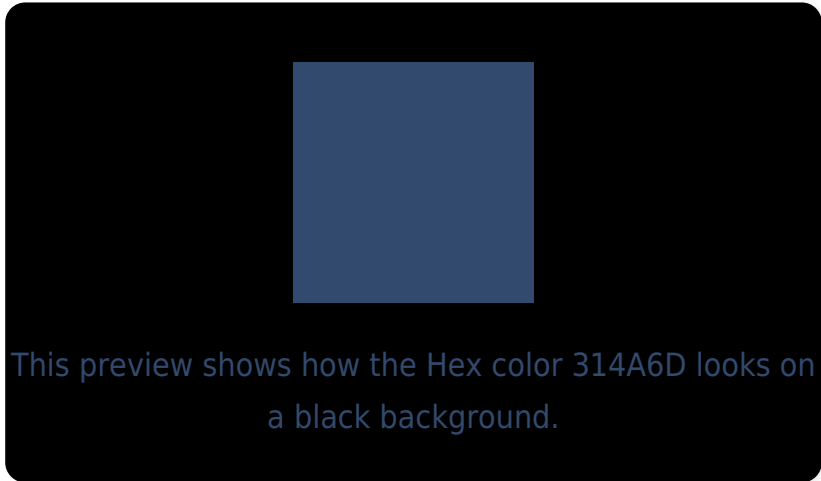
Large Text (above 18pt) WCAG AA ✓ Pass

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

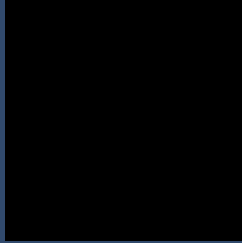
Any Text WCAG AA × Fail

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 314A6D Background



This preview shows how black text looks on a background with the Hex color 314A6D.



This preview shows how white text looks on a background with the Hex color 314A6D.

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
314A6D

Protanopia
3D486B

Deuteranopia
38486D



Tritanopia
284F55

Trichromacy



Original Color
314A6D

Protanomaly
39496C

Deuteranomaly
35496D

Tritanomaly
2B4D5E

Monochromacy



Original Color
314A6D

Achromatopsia
474747

Achromatomaly
3F4855

CSS Examples

Text

The CSS property to change the color of the text to Hex 314A6D 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 #314A6D looks like.

```
.text, #text, p{  
    color:#314A6D  
}
```

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 #314A6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #314A6D
}
```

Border

The CSS property to change the border of an element to Hex 314A6D is called "border". The border property can be set on classes, ids or directly on the HTML element.

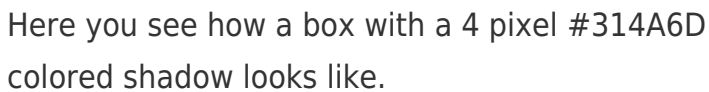
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#314A6D }
```

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

```
.border{ border-color:#314A6D }
```

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



Here you see how a box with a 4 pixel #314A6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #314A6D; -webkit-box-shadow:4px 4px  
4px 4px #314A6D; box-shadow:4px 4px 4px  
4px #314A6D }
```

Background

The CSS property to change the background color of an element to Hex 314A6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#314A6D }
```

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

```
.background{ background-color:#314A6D }
```

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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