

Converting Colors

Hex(314DAB)

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

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Color

Hex(314DAB)

Conversions

Conversions Part 1

Format	Color
Hex	314DAB
RGB	49, 77, 171
RGB Percent	19%, 30%, 67%
CMY	0.8078, 0.6980, 0.3294
CMYK	0.71, 0.55, 0.00, 0.33
HSL	226°, 55%, 43%
HSV	226°, 71%, 67%
XYZ	11.2712, 8.9010, 39.6521
YIQ	79.3440, -46.8620, 23.2980

Conversions

Conversions Part 2

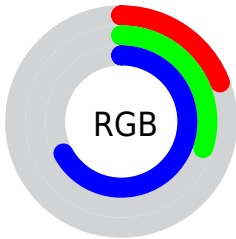
Format	Color
R _Y B	49, 72, 171
Decimal	3231147
CIE Lab	35.79, 22.40, -53.52
CIE LCh	36, 58.024, 292.712
Yxy	8.9010, 0.1884, 0.1488
Android (android.graphics.Color)	4281421227 (0xFF314DAB)
YUV	79.3440, 45.1864, -26.6117
Hunter-Lab	29.8345, 15.2250, -57.9162




Details

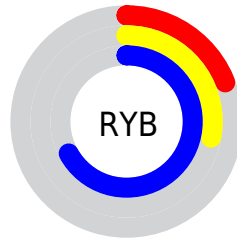
The Hex color **314DAB** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AB8F31**, and the grayscale version is **4F4F4F**.




A 20% lighter version of the original color is **6F7EE3**, and **002276** is the 20% darker color. If you saturate the color by 10%, you get **2040AB**, and if you desaturate by 10%, it is **425AAB**.

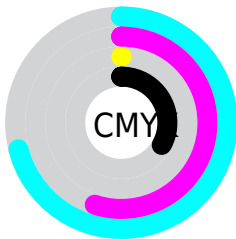
Distribution







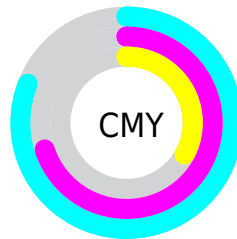
-  Red (19%)
-  Green (30%)
-  Blue (67%)






-  Red (19%)
-  Yellow (28%)
-  Blue (67%)



-  Cyan (71%)
-  Magenta (55%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (81%)
-  Magenta (70%)
-  Yellow (33%)

Brightness & Saturation Gradients

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

■ 314DAB

■ 314DAB

FFFFFF

■ 003790

■ 6F7EE3

■ 002276

■ 8C97FF

■ 000F5C

■ A8B2FF

■ 000444

■ C6CDFF

■ 00032D

■ E3E9FF

■ 000117

■ 000000

■ 314DAB

■ 314DAB

■ 2040AB

■ 425AAB

0F33AB

5367AB

0027AB

6475AB

7582AB

868FAB

989CAB

A9A9AB

BAB6AB

CBC4AB

Harmonies

Analogous

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



005EB1



314DAB



80348D

Triad

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



314DAB



913902



006747

Complementary

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



314DAB



AB8F31

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.



006414



314DAB



714E00

Square

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



314DAB



A31D34



455C00



006877

Rectangle

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



314DAB



982071



455C00



006637

Sweetspot

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



314DAB



AFBADE



31AB8F



545B70



F0F0F0



707070

Same Dimension

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



314DAB



1F4BDE



5231AB



4E5057



002396



000517

Inverse Universe

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



AB314D



DE1F4B



8AAB31



574E50



960023



170005

Previews

White Background



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

Color Contrast Check

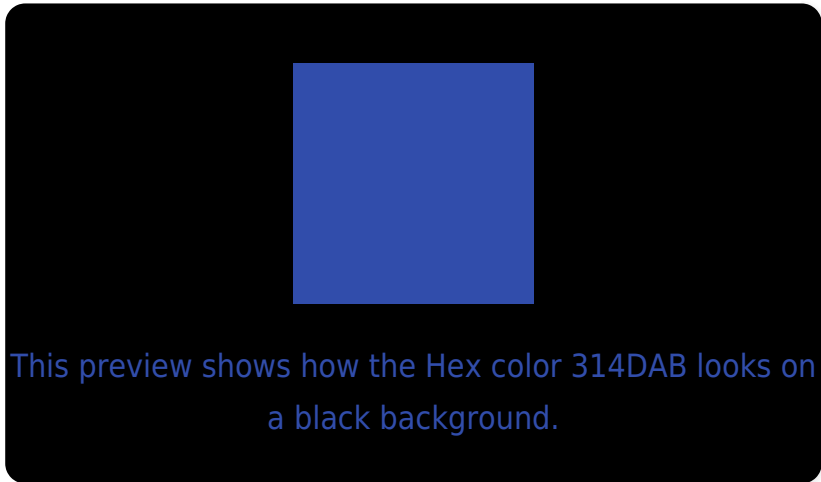
Large Text (above 18pt) WCAG AA ✓ Pass

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

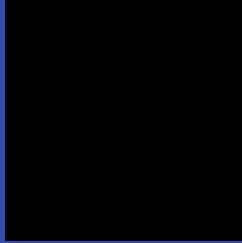
Any Text WCAG AA × Fail

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 314DAB Background



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



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

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
314DAB

Protanopia
0051AC

Deuteranopia
005695



Tritanopia
005D64

Trichromacy



Original Color
314DAB

Protanomaly
1250AC

Deuteranomaly
12539D

Tritanomaly
12577E

Monochromacy



Original Color
314DAB

Achromatopsia
4F4F4F

Achromatomaly
444E70

CSS Examples

Text

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

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

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 #314DAB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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