

Converting Colors

Hex(314693)

Have a look what the booklet for
Hex(314693) contains.

Hex(314693)	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(314693)

Conversions

Conversions Part 1

Format	Color
Hex	314693
RGB	49, 70, 147
RGB Percent	19%, 27%, 58%
CMY	0.8078, 0.7255, 0.4235
CMYK	0.67, 0.52, 0.00, 0.42
HSL	227°, 50%, 38%
HSV	227°, 67%, 58%
XYZ	8.7232, 7.1399, 28.5221
YIQ	72.4990, -37.2330, 19.4950

Conversions

Conversions Part 2

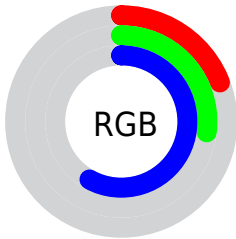
Format	Color
RYB	49, 66, 147
Decimal	3229331
CIELab	32.12, 18.11, -45.00
CIElCh	32, 48.505, 291.922
Yxy	7.1399, 0.1965, 0.1609
Android (android.graphics.Color)	4281419411 (0xFF314693)
YUV	72.4990, 36.7290, -20.6086
Hunter-Lab	26.7205, 11.5125, -44.5832

Details

The Hex color **314693** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **937E31**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6A76CA**, and **001C60** is the 20% darker color. If you saturate the color by 10%, you get **223A93**, and if you desaturate by 10%, it is **405293**.

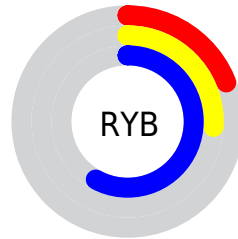
Distribution



 Red (19%)

 Green (27%)

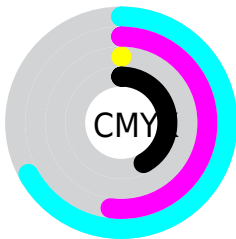
 Blue (58%)




 Red (19%)

 Yellow (26%)

 Blue (58%)

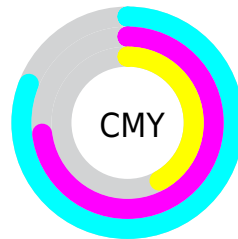


 Cyan (67%)

 Magenta (52%)

 Yellow (0%)

 Black (42%)



 Cyan (81%)

 Magenta (73%)

 Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 314693 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 314693 by changing the saturation by 10% instead.

■ 314693

■ 314693

FFFFFF

■ 0A3079

■ 6A76CA

■ 001C60

■ 868FE6

■ 000247

■ A2AAFF

■ 000430

■ BEC5FF

■ 00011A

■ DBE1FF

■ 000000

■ F9FEFF

■ 314693

■ 314693

■ 223A93

■ 405293

■ 142F93

■ 4E5D93

■ 052393

■ 5D6993

■ 002093

■ 6C7493

■ 7B8093

■ 898B93

■ 989793

■ A7A293

■ B5AE93

Harmonies

Analogous

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



005398



314693



6F337B

Triad

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



314693



7F350D



005C40

Complementary

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



314693



937E31

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.



005918



314693



654600

Square

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



314693



8D2332



425200



005C67

Rectangle

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



314693



832664



425200



005B32

Sweetspot

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



314693



99A1BF



31937E



4A4F61



E0E0E0



616161

Same Dimension

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



314693



2647BF



4D3193



43444A



001E8A



00020A

Inverse Universe

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



933146



BF2647



779331



4A4344



8A001E



0A0002

Previews

White Background



This preview shows how the Hex color 314693 looks on a white background.

Color Contrast Check

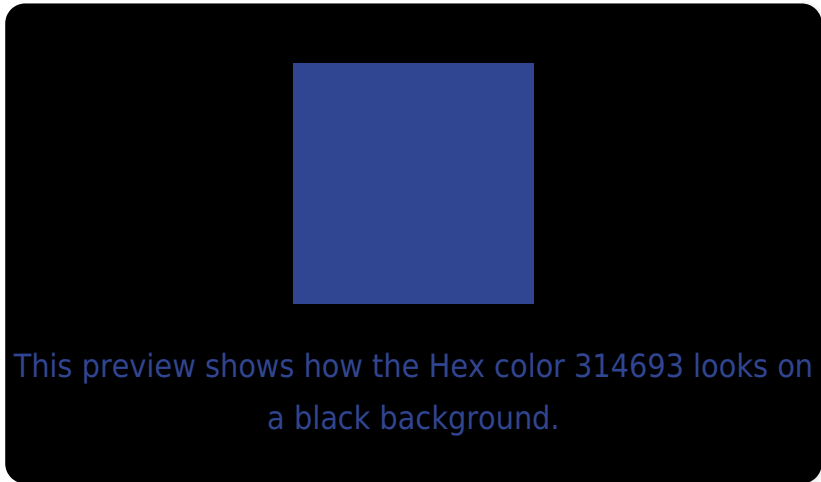
Large Text (above 18pt) WCAG AA ✓ Pass

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

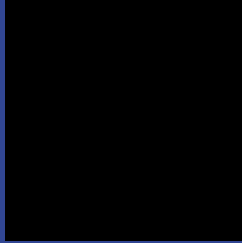
Any Text WCAG AA × Fail

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 314693 Background



This preview shows how black text looks on a background with the Hex color 314693.




This preview shows how white text looks on a background with the Hex color 314693.

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](#).

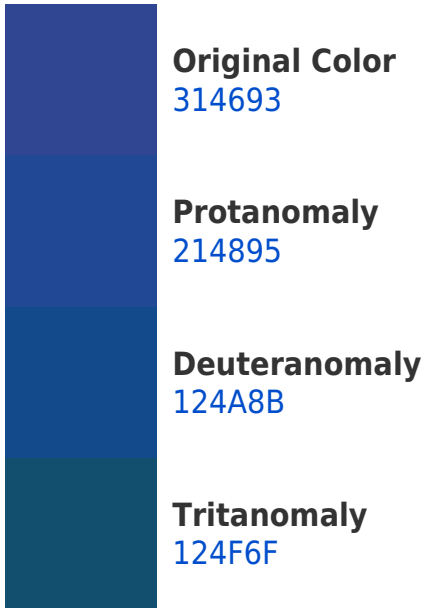
Dichromacy





Tritanopia
00545A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 314693 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 #314693 looks like.

```
.text, #text, p{  
    color:#314693  
}
```

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 #314693 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #314693
}
```

Border

The CSS property to change the border of an element to Hex 314693 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
#314693 }
```

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

```
.border{ border-color:#314693 }
```

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

Here you see how a box with a 4 pixel #314693 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #314693; -webkit-box-shadow:4px 4px  
4px 4px #314693; box-shadow:4px 4px 4px  
4px #314693 }
```

Background

The CSS property to change the background color of an element to Hex 314693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#314693 }
```

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

```
.background{ background-color:#314693 }
```

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