

Converting Colors

Hex(314595)

Have a look what the booklet for
Hex(314595) contains.

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Color

Hex(314595)

Conversions

Conversions Part 1

Format	Color
Hex	314595
RGB	49, 69, 149
RGB Percent	19%, 27%, 58%
CMY	0.8078, 0.7294, 0.4157
CMYK	0.67, 0.54, 0.00, 0.42
HSL	228°, 51%, 39%
HSV	228°, 67%, 58%
XYZ	8.8196, 7.0791, 29.3353
YIQ	72.1400, -37.6000, 20.6400

Conversions

Conversions Part 2

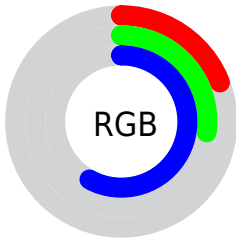
Format	Color
R _Y B	49, 66, 149
Decimal	3229077
CIE Lab	31.99, 19.53, -46.44
CIE LCh	32, 50.376, 292.805
Yxy	7.0791, 0.1950, 0.1565
Android (android.graphics.Color)	4281419157 (0xFF314595)
YUV	72.1400, 37.8920, -20.2938
Hunter-Lab	26.6066, 12.6075, -46.7459

Details

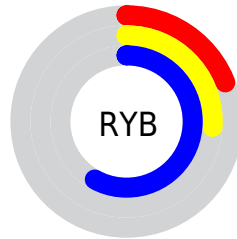
The Hex color **314595** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **958131**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6A75CC**, and **001B61** is the 20% darker color. If you saturate the color by 10%, you get **223995**, and if you desaturate by 10%, it is **405195**.

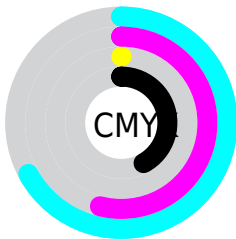
Distribution



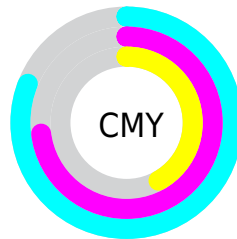
- Red (19%)
- Green (27%)
- Blue (58%)



- Red (19%)
- Yellow (26%)
- Blue (58%)



- Cyan (67%)
- Magenta (54%)
- Yellow (0%)
- Black (42%)



- Cyan (81%)
- Magenta (73%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 314595 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 314595 by changing the saturation by 10% instead.

■ 314595

■ 314595

FFFFFF

■ 082F7B

■ 6A75CC

■ 001B61

■ 868EE8

■ 000049

■ A3A9FF

■ 000432

■ BFC4FF

■ 00011C

■ DCE0FF

■ 000000

■ FAFCFF

■ 314595

■ 314595

■ 223995

■ 405195

■ 132D95

■ 4F5D95

■ 042195

■ 5E6995

■ 001E95

■ 6D7595

■ 7C8195

■ 8A8D95

■ 999895

■ A8A495

■ B7B095

Harmonies

Analogous

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



00539A



314595



71307C

Triad

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



314595



803408



005C40

Complementary

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



314595



958131

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.



005916



314595



644600

Square

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



314595



8F202F



3F5200



005D69

Rectangle

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



314595



852264



3F5200



005B32

Sweetspot

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



314595



9BA3C2



319581



4A4E61



E0E0E0



616161

Same Dimension

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



314595



2544C2



4F3195



43444A



001C8A



00020A

Inverse Universe

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



953145



C22544



779531



4A4344



8A001C



0A0002

Previews

White Background



This preview shows how the Hex color 314595 looks on a white background.

Color Contrast Check

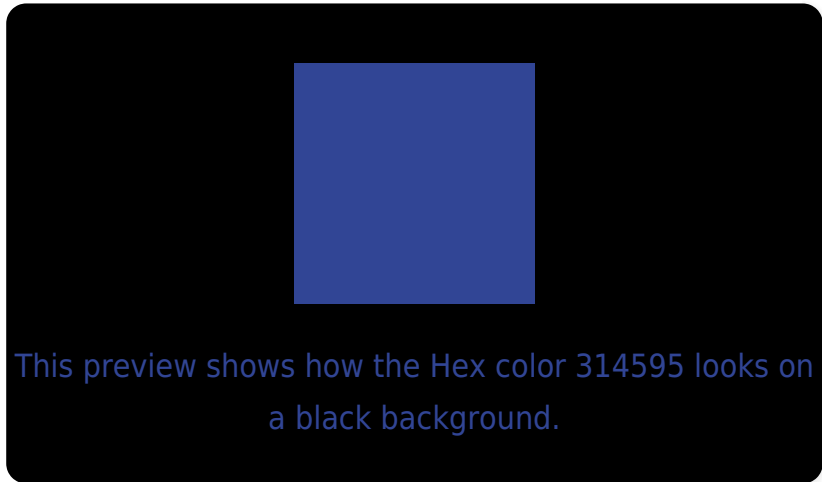
Large Text (above 18pt) WCAG AA ✓ Pass

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

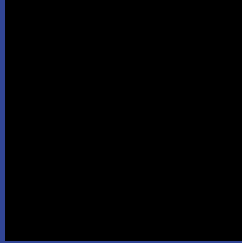
Any Text WCAG AA × Fail

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 314595 Background



This preview shows how black text looks on a background with the Hex color 314595.

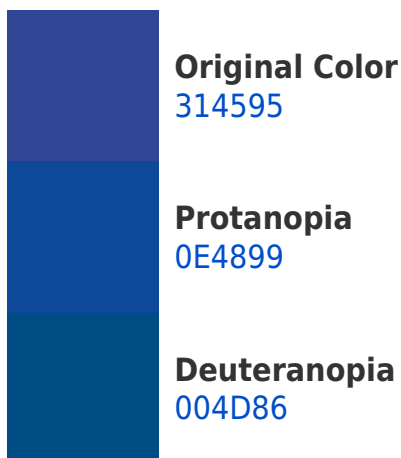



This preview shows how white text looks on a background with the Hex color 314595.

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
00535A

Trichromacy



Original Color
314595

Protanomaly
1B4798

Deuteranomaly
124A8B

Tritanomaly
124E6F

Monochromacy



Original Color
314595

Achromatopsia
484848

Achromatomaly
404764

CSS Examples

Text

The CSS property to change the color of the text to Hex 314595 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 #314595 looks like.

```
.text, #text, p{  
    color:#314595  
}
```

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 #314595 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #314595
}
```

Border

The CSS property to change the border of an element to Hex 314595 is called "border". The border property can be set on classes, ids or directly on the HTML element.

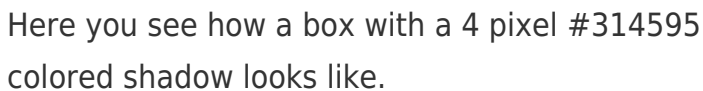
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#314595 }
```

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

```
.border{ border-color:#314595 }
```

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



Here you see how a box with a 4 pixel #314595 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #314595; -webkit-box-shadow:4px 4px  
4px 4px #314595; box-shadow:4px 4px 4px  
4px #314595 }
```

Background

The CSS property to change the background color of an element to Hex 314595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#314595 }
```

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

```
.background{ background-color:#314595 }
```

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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