

Converting Colors

Hex(317ADD)

Have a look what the booklet for
Hex(317ADD) contains.

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Color

Hex(317ADD)

Conversions

Conversions Part 1

Format	Color
Hex	317ADD
RGB	49, 122, 221
RGB Percent	19%, 48%, 87%
CMY	0.8078, 0.5216, 0.1333
CMYK	0.78, 0.45, 0.00, 0.13
HSL	215°, 72%, 53%
HSV	215°, 78%, 87%
XYZ	21.2773, 19.7925, 71.1055
YIQ	111.4590, -75.2870, 15.3130

Conversions

Conversions Part 2

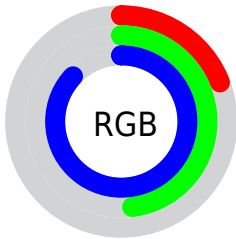
Format	Color
R_{YB}	49, 100, 221
Decimal	3242717
CIE _{Lab}	51.60, 12.21, -56.96
CIE _{LCh}	52, 58.257, 282.097
Yxy	19.7925, 0.1897, 0.1764
Android (android.graphics.Color)	4281432797 (0xFF317ADD)
YUV	111.4590, 54.0037, -54.7765
Hunter-Lab	44.4888, 7.5145, -63.6199

Details

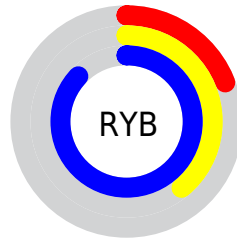
The Hex color **317ADD** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **DD9431**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **78AEFF**, and **004AA5** is the 20% darker color. If you saturate the color by 10%, you get **1B6DDD**, and if you desaturate by 10%, it is **4787DD**.

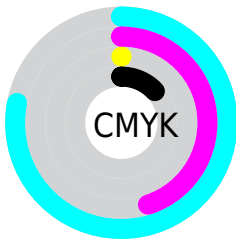
Distribution



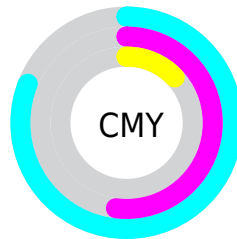
- Red (19%)
- Green (48%)
- Blue (87%)



- Red (19%)
- Yellow (39%)
- Blue (87%)



- Cyan (78%)
- Magenta (45%)
- Yellow (0%)
- Black (13%)



- Cyan (81%)
- Magenta (52%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 317ADD 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 317ADD by changing the saturation by 10% instead.

 317ADD

 317ADD

FFFFFF

 0062C1

 78AEFF

 004AA5

 97C9FF

 00358A

 B5E5FF

 002170

 D4FFFF

 000857


 F2FFFF

 00063F

 000328

 000112

 000000

 317ADD

 317ADD

 1B6DDD

 4787DD

 0561DD

 5D93DD

 005EDD

 73A0DD

 89ADDD

 9FBADD

 B6C6DD

 CCD3DD

 E2E0DD

 F8ECDD

Harmonies

Analogous

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



0089DA



317ADD



9764C6

Triad

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



317ADD



C9583A



00905A

Complementary

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



317ADD



DD9431

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.



488A2A



317ADD



AB6E10

Square

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



317ADD



D44969



807F00



00928E

Rectangle

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



317ADD



B955AB



807F00



008F4A

Sweetspot

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



317ADD



C4DDFF



31DD92



5C6B80



000000



808080

Same Dimension

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



317ADD



1277FF



3C31DD



63676E



004AAD



00132E

Inverse Universe

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



DD317A



FF1277



D2DD31



6E6367



AD004A



2E0013

Previews

White Background



This preview shows how the Hex color 317ADD looks on a white background.

Color Contrast Check

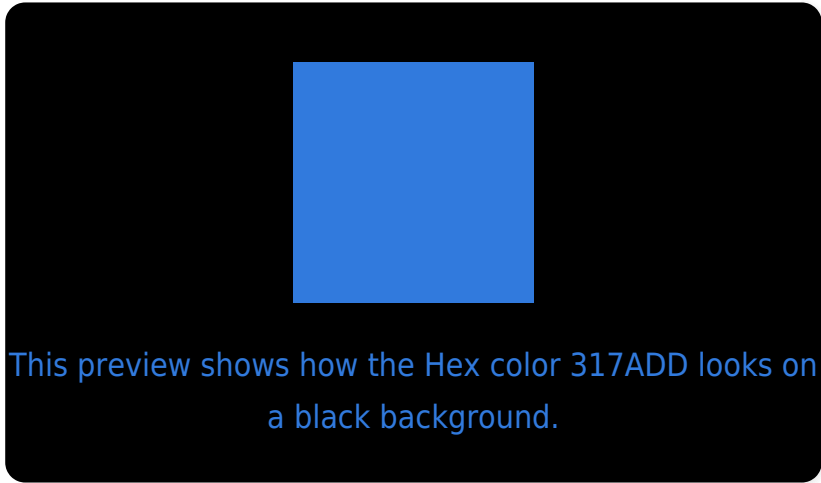
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

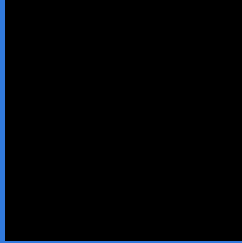
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

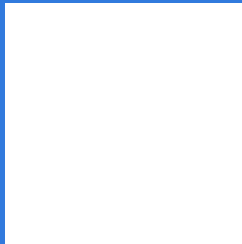
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 317ADD Background



This preview shows how black text looks on a background with the Hex color 317ADD.

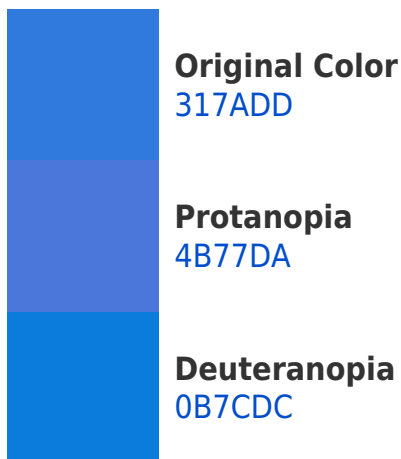


This preview shows how white text looks on a background with the Hex color 317ADD.

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](#).

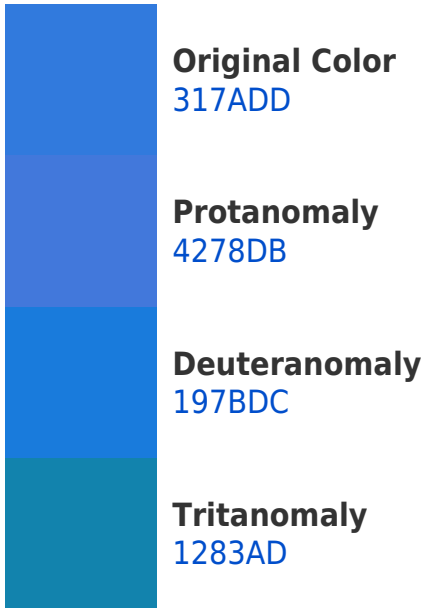
Dichromacy



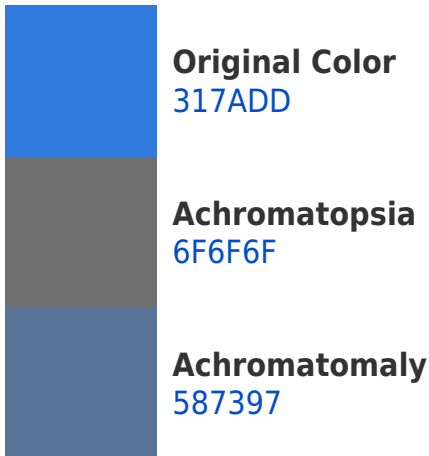


Tritanopia
008892

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 317ADD 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 #317ADD looks like.

```
.text, #text, p{  
    color:#317ADD  
}
```

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 #317ADD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #317ADD
}
```

Border

The CSS property to change the border of an element to Hex 317ADD 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
#317ADD }
```

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

```
.border{ border-color:#317ADD }
```

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

Here you see how a box with a 4 pixel #317ADD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #317ADD; -webkit-box-shadow:4px 4px  
4px 4px #317ADD; box-shadow:4px 4px 4px  
4px #317ADD }
```

Background

The CSS property to change the background color of an element to Hex 317ADD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#317ADD }
```

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

```
.background{ background-color:#317ADD }
```

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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