

Converting Colors

Hex(318BAD)

Have a look what the booklet for
Hex(318BAD) contains.

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Color

Hex(318BAD)

Conversions

Conversions Part 1

Format	Color
Hex	318BAD
RGB	49, 139, 173
RGB Percent	19%, 55%, 68%
CMY	0.8078, 0.4549, 0.3216
CMYK	0.72, 0.20, 0.00, 0.32
HSL	196°, 56%, 44%
HSV	196°, 72%, 68%
XYZ	18.0421, 22.1353, 42.8568
YIQ	115.9660, -64.5540, -8.5060

Conversions

Conversions Part 2

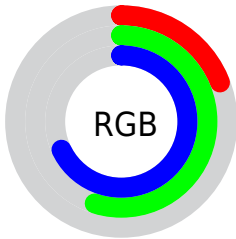
Format	Color
R_{YB}	49, 101, 173
Decimal	3247021
CIE _{Lab}	54.17, -15.10, -25.59
CIE _{LCh}	54, 29.713, 239.450
Yxy	22.1353, 0.2173, 0.2666
Android (android.graphics.Color)	4281437101 (0xFF318BAD)
YUV	115.9660, 28.1178, -58.7292
Hunter-Lab	47.0482, -13.8831, -21.0743

Details

The Hex color **318BAD** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AD5331**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **6FC1E5**, and **005979** is the 20% darker color. If you saturate the color by 10%, you get **2086AD**, and if you desaturate by 10%, it is **4290AD**.

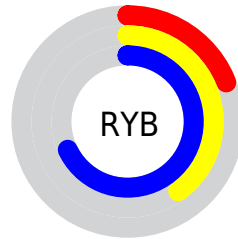
Distribution



Red (19%)

Green (55%)

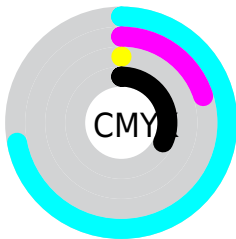
Blue (68%)



Red (19%)

Yellow (40%)

Blue (68%)

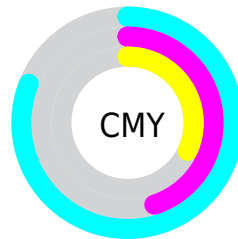


Cyan (72%)

Magenta (20%)

Yellow (0%)

Black (32%)



Cyan (81%)

Magenta (45%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 318BAD 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 318BAD by changing the saturation by 10% instead.

■ 318BAD

■ 318BAD

FFFFFF

■ 007192

■ 6FC1E5

■ 005979

■ 8CDCFF

■ 004160

■ A9F9FF

■ 002B48

■ C7FFFF

■ 001831

■ E4FFFF

■ 00011C

■ 000000

■ 318BAD

■ 318BAD

■ 2086AD

■ 4290AD

0E82AD

5494AD

007EAD

6599AD

769EAD

88A3AD

99A7AD

AAACAD

BBB1AD

CDB6AD

Harmonies

Analogous

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



1C8F9A



318BAD



5C84B4

Triad

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



318BAD



B16E83



788854

Complementary

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



318BAD



AD5331

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.



93804E



318BAD



B3706A

Square

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



318BAD



A1729C



A87756



5A8D67

Rectangle

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



318BAD



787EB2



A87756



828550

Sweetspot

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



318BAD



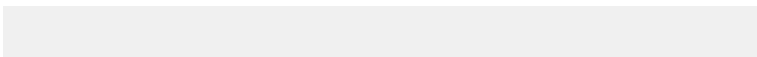
AFD3E0



31AD52



536870



F0F0F0



707070

Same Dimension

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



318BAD



1FABE0



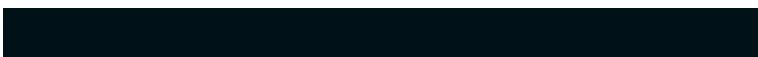
314EAD



4E5457



006D96



001117

Inverse Universe

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



AD318B



E01FAB



AD9031



574E54



96006D



170011

Previews

White Background



This preview shows how the Hex color 318BAD looks on a white background.

Color Contrast Check

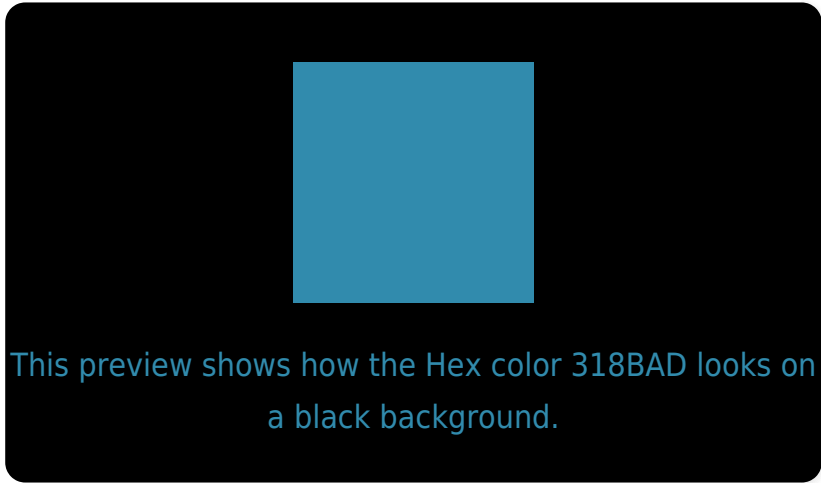
Large Text (above 18pt) WCAG AA ✓ Pass

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

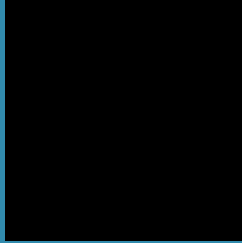
Any Text WCAG AA ✓ Pass

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 318BAD Background



This preview shows how black text looks on a background with the Hex color 318BAD.

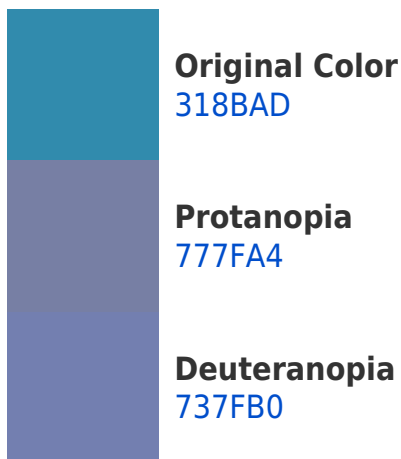


This preview shows how white text looks on a background with the Hex color 318BAD.

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](#).

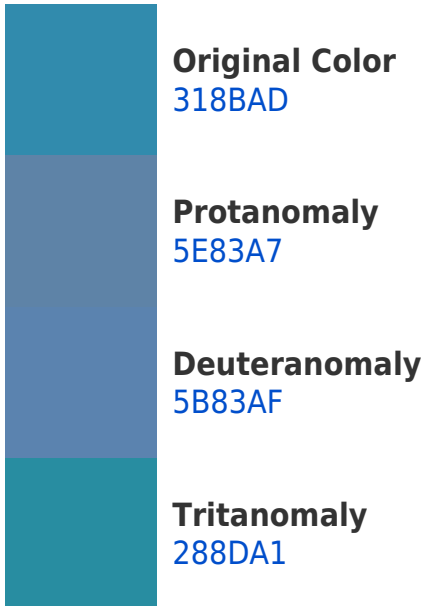
Dichromacy



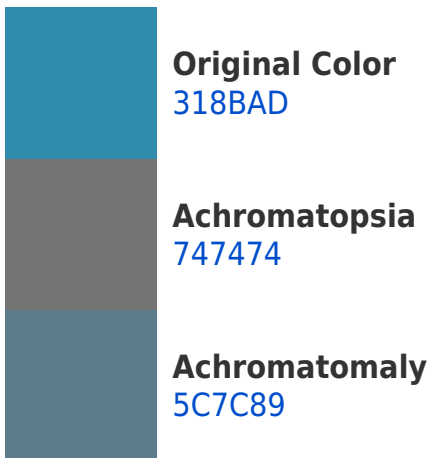


Tritanopia
238E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 318BAD 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 #318BAD looks like.

```
.text, #text, p{  
    color:#318BAD  
}
```

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 #318BAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #318BAD
}
```

Border

The CSS property to change the border of an element to Hex 318BAD 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
#318BAD }
```

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

```
.border{ border-color:#318BAD }
```

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

Here you see how a box with a 4 pixel #318BAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #318BAD; -webkit-box-shadow:4px 4px  
4px 4px #318BAD; box-shadow:4px 4px 4px  
4px #318BAD }
```

Background

The CSS property to change the background color of an element to Hex 318BAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#318BAD }
```

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

```
.background{ background-color:#318BAD }
```

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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