

Converting Colors

Hex(769BAD)

Have a look what the booklet for
Hex(769BAD) contains.

| | |
|--|----|
| Hex(769BAD) | 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(769BAD)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 769BAD |
| RGB | 118, 155, 173 |
| RGB Percent | 46%, 61%, 68% |
| CMY | 0.5373, 0.3922, 0.3216 |
| CMYK | 0.32, 0.10, 0.00, 0.32 |
| HSL | 200°, 25%, 57% |
| HSV | 200°, 32%, 68% |
| XYZ | 26.7354, 30.3114, 43.9767 |
| YIQ | 145.9890, -27.8300, -2.2460 |

Conversions

Conversions Part 2

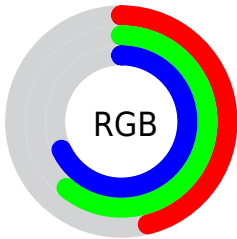
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 118, 140, 173 |
| Decimal | 7773101 |
| CIE Lab | 61.92, -8.26, -13.49 |
| CIE LCh | 62, 15.819, 238.507 |
| Yxy | 30.3114, 0.2646, 0.3000 |
| Android (android.graphics.Color) | 4285963181 (0xFF769BAD) |
| YUV | 145.9890, 13.3164, -24.5464 |
| Hunter-Lab | 55.0558, -9.6670, -8.8199 |

Details

The Hex color **769BAD** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AD8876**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **ACD1E4**, and **436879** is the 20% darker color. If you saturate the color by 10%, you get **6595AD**, and if you desaturate by 10%, it is **87A1AD**.

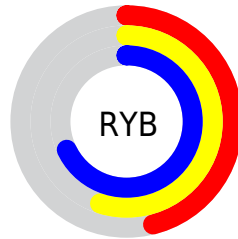
Distribution



Red (46%)

Green (61%)

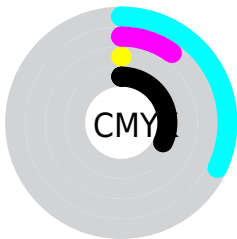
Blue (68%)



Red (46%)

Yellow (55%)

Blue (68%)

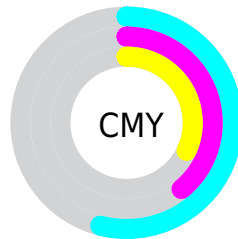


Cyan (32%)

Magenta (10%)

Yellow (0%)

Black (32%)



Cyan (54%)

Magenta (39%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 769BAD 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 769BAD by changing the saturation by 10% instead.

■ 769BAD

■ 769BAD

FFFFFF

■ 5C8192

■ ACD1E4

■ 436879

■ C7EEFF

■ 2A5060

■ E4FFFF

■ 103948

■ 002332

■ 000E1D

■ 000000

■ 769BAD

■ 769BAD

■ 6595AD

■ 87A1AD

■ 5390AD

■ 99A6AD

■ 428AAD

■ AAACAD

■ 3184AD

■ BBB2AD

■ 207FAD

■ CDB7AD

■ 0E79AD

■ DEBDAD

■ 0074AD

■ EFC3AD

■ FFC8AD

■ FFCEAD

Harmonies

Analogous

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



709DA2



769BAD



8597B1

Triad

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



769BAD



B18C97



92997D

Complementary

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



769BAD



AD8876

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.



A1947A



769BAD



B38D89

Square

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



769BAD



A78EA4



AD907E



829C87

Rectangle

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



769BAD



9194B0



AD907E



97977B

Sweetspot

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



769BAD



CAD9E0



76AD87



636C70



F0F0F0



707070

Same Dimension

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



769BAD



8BC4E0



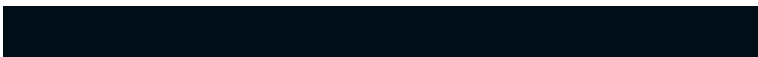
7680AD



4E5457



006596



000F17

Inverse Universe

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



AD769B



E08BC4



ADA376



574E54



960065



17000F

Previews

White Background



This preview shows how the Hex color 769BAD looks on a white background.

Color Contrast Check

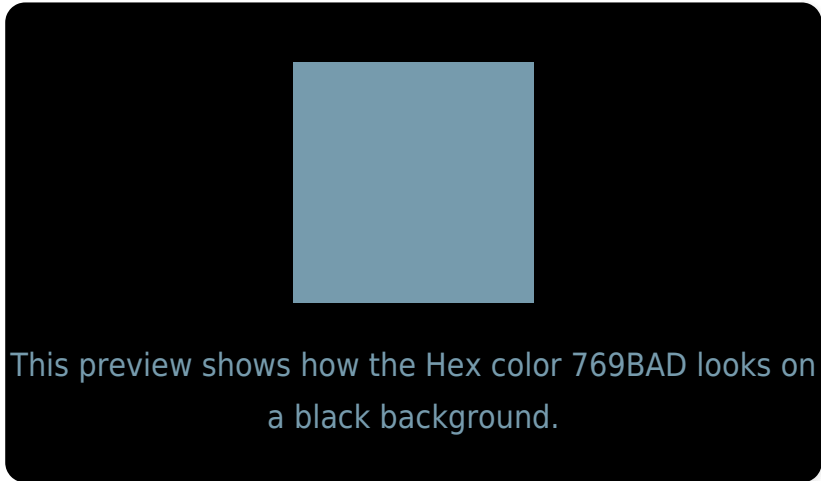
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

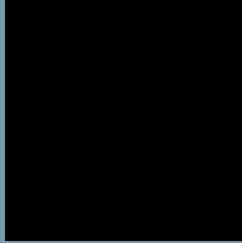
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

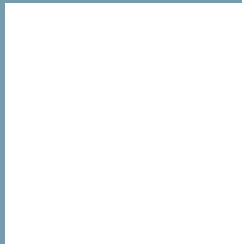
Any Text WCAG AAA ✓ Pass

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

Hex 769BAD Background



This preview shows how black text looks on a background with the Hex color 769BAD.

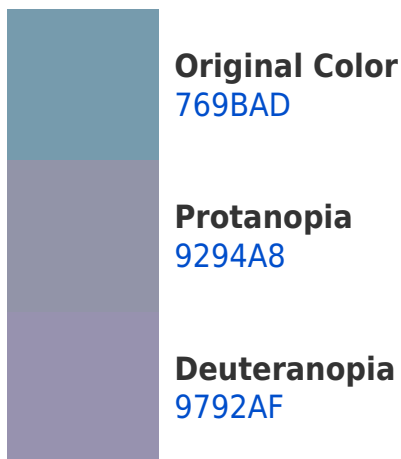


This preview shows how white text looks on a background with the Hex color 769BAD.

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](#).

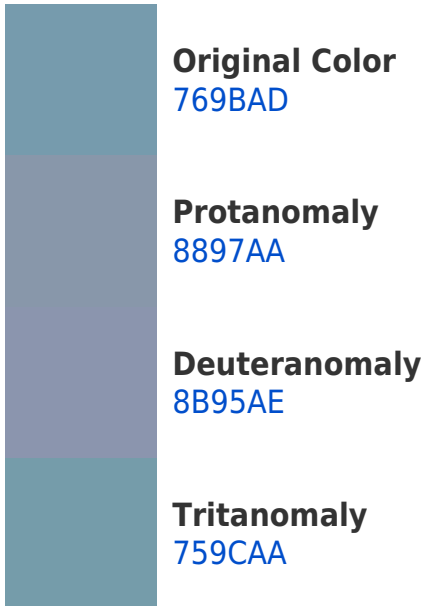
Dichromacy





Tritanopia
759CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 769BAD 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 #769BAD looks like.

```
.text, #text, p{  
    color:#769BAD  
}
```

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 #769BAD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #769BAD
}
```

Border

The CSS property to change the border of an element to Hex 769BAD 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
#769BAD }
```

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

```
.border{ border-color:#769BAD }
```

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

Here you see how a box with a 4 pixel #769BAD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #769BAD; -webkit-box-shadow:4px 4px  
4px 4px #769BAD; box-shadow:4px 4px 4px  
4px #769BAD }
```

Background

The CSS property to change the background color of an element to Hex 769BAD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#769BAD }
```

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

```
.background{ background-color:#769BAD }
```

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