

Converting Colors

Hex(76BAD4)

Have a look what the booklet for
Hex(76BAD4) contains.

Hex(76BAD4)	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(76BAD4)

Conversions

Conversions Part 1

Format	Color
Hex	76BAD4
RGB	118, 186, 212
RGB Percent	46%, 73%, 83%
CMY	0.5373, 0.2706, 0.1686
CMYK	0.44, 0.12, 0.00, 0.17
HSL	197°, 52%, 65%
HSV	197°, 44%, 83%
XYZ	36.9138, 43.7228, 68.7811
YIQ	168.6320, -48.8740, -6.3300

Conversions

Conversions Part 2

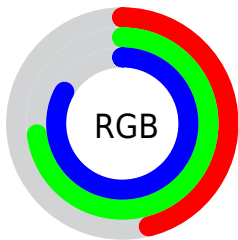
Format	Color
RYB	118, 157, 212
Decimal	7781076
CIELab	72.04, -14.70, -19.81
CIELCh	72, 24.665, 233.427
Yxy	43.7228, 0.2471, 0.2926
Android (android.graphics.Color)	4285971156 (0xFF76BAD4)
YUV	168.6320, 21.3804, -44.4043
Hunter-Lab	66.1232, -16.0667, -15.3870

Details

The Hex color **76BAD4** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **D49076**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **AEF2FF**, and **3E859D** is the 20% darker color. If you saturate the color by 10%, you get **61B4D4**, and if you desaturate by 10%, it is **8BC0D4**.

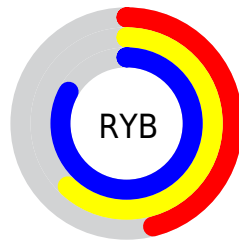
Distribution



Red (46%)

Green (73%)

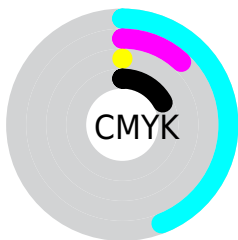
Blue (83%)



Red (46%)

Yellow (62%)

Blue (83%)

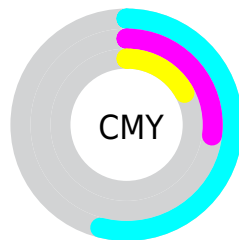


Cyan (44%)

Magenta (12%)

Yellow (0%)

Black (17%)



Cyan (54%)

Magenta (27%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76BAD4 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 76BAD4 by changing the saturation by 10% instead.

 76BAD4

 76BAD4

FFFFFF

 5A9FB8

 AEF2FF

 3E859D

 CBFFFF

 1D6C83

 E8FFFF

 00536A

 003C52

 00263B

 001025

 00010E

 000000

 76BAD4

 76BAD4

 61B4D4

 8BC0D4

 4CAED4

 A0C6D4

 36A8D4

 B6CCD4

 21A3D4

 CBD1D4

 0C9DD4

 E0D7D4

 0099D4

 F5DDD4

 FFE3D4

 FFE9D4

 FFEFD4

Harmonies

Analogous

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



70BDC2



76BAD4



8FB4DD

Triad

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



76BAD4



DAA1B6



AFB587

Complementary

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



76BAD4



D49076

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.



C6AD84



76BAD4



DFA1A0

Square

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



76BAD4



C9A5CC



D7A68D



95BA95

Rectangle

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



76BAD4



A3AFDC



D7A68D



B7B285

Sweetspot

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



76BAD4



DEF6FF



76D48F



6B7A80



000000



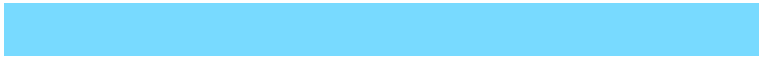
808080

Same Dimension

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



76BAD4



78DAFF



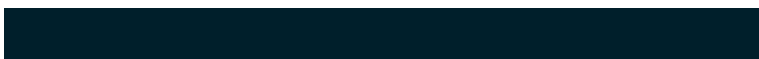
768CD4



60686B



007CAB



001F2B

Inverse Universe

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



D476BA



FF78DA



D4BE76



6B6068



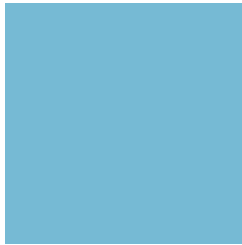
AB007C



2B001F

Previews

White Background



This preview shows how the Hex color 76BAD4 looks on a white background.

Color Contrast Check

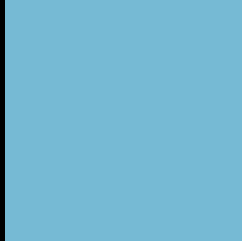
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 76BAD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

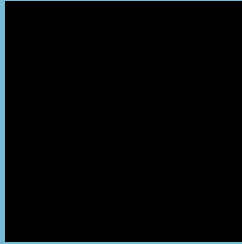
Any Text WCAG AA ✓ Pass

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 76BAD4 Background



This preview shows how black text looks on a background with the Hex color 76BAD4.

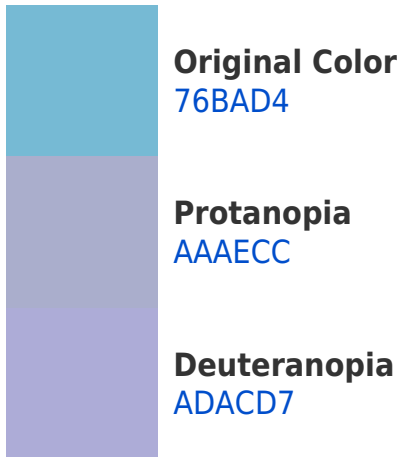


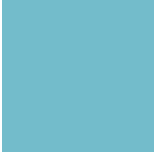
This preview shows how white text looks on a background with the Hex color 76BAD4.

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](#).

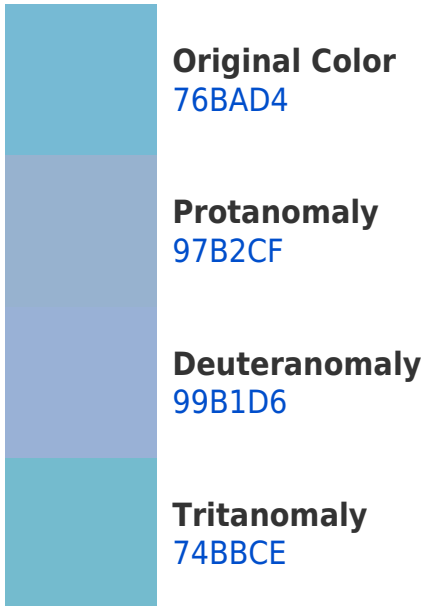
Dichromacy



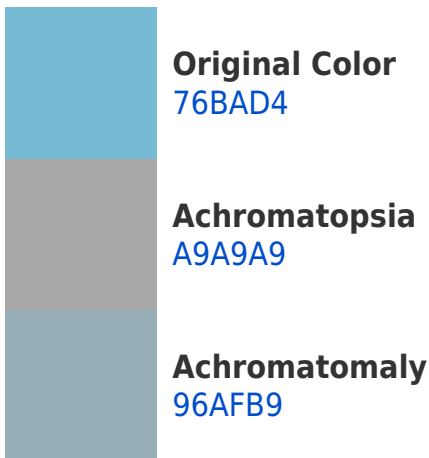


Tritanopia
73BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76BAD4 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 #76BAD4 looks like.

```
.text, #text, p{  
    color:#76BAD4  
}
```

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 #76BAD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76BAD4
}
```

Border

The CSS property to change the border of an element to Hex 76BAD4 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
#76BAD4 }
```

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

```
.border{ border-color:#76BAD4 }
```

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

Here you see how a box with a 4 pixel #76BAD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76BAD4; -webkit-box-shadow:4px 4px  
4px 4px #76BAD4; box-shadow:4px 4px 4px  
4px #76BAD4 }
```

Background

The CSS property to change the background color of an element to Hex 76BAD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76BAD4 }
```

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

```
.background{ background-color:#76BAD4 }
```

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