

# Converting Colors

Hex(3D84BD)

Have a look what the booklet for  
Hex(3D84BD) contains.

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# Color

**Hex(3D84BD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3D84BD
RGB	61, 132, 189
RGB Percent	24%, 52%, 74%
CMY	0.7608, 0.4824, 0.2588
CMYK	0.68, 0.30, 0.00, 0.26
HSL	207°, 51%, 49%
HSV	207°, 68%, 74%
XYZ	19.3610, 21.1688, 51.2097
YIQ	117.2690, -60.6130, 2.6750

# Conversions

## Conversions Part 2

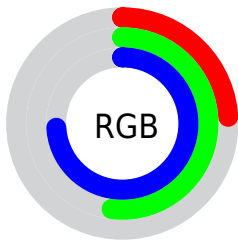
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	61, 107, 189
Decimal	4031677
CIE <sub>Lab</sub>	53.13, -3.80, -36.34
CIE <sub>LCh</sub>	53, 36.536, 264.036
Yxy	21.1688, 0.2110, 0.2307
Android (android.graphics.Color)	4282221757 (0xFF3D84BD)
YUV	117.2690, 35.3634, -49.3479
Hunter-Lab	46.0095, -5.4029, -33.7845

# Details

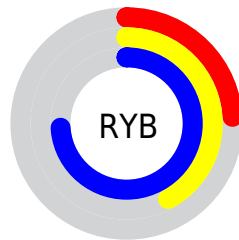
The Hex color **3D84BD** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BD763D**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **7AB9F6**, and **005387** is the 20% darker color. If you saturate the color by 10%, you get **2A7CBD**, and if you desaturate by 10%, it is **508CBD**.

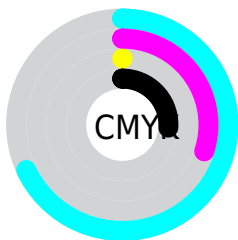
# Distribution



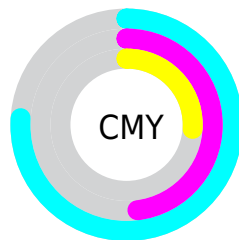
- Red (24%)
- Green (52%)
- Blue (74%)



- Red (24%)
- Yellow (42%)
- Blue (74%)



- Cyan (68%)
- Magenta (30%)
- Yellow (0%)
- Black (26%)



- Cyan (76%)
- Magenta (48%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D84BD 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 3D84BD by changing the saturation by 10% instead.



■ 3D84BD

■ 3D84BD

FFFFFF

■ 146BA2

■ 7AB9F6

■ 005387

■ 97D4FF

■ 003C6E

■ B4F1FF

■ 002755

■ D1FFFF

■ 00123D

■ EFFFFFF

■ 000327

■ 000110

■ 000000

■ 3D84BD

■ 3D84BD

■ 2A7CBD

■ 508CBD

■ 1773BD

■ 6395BD

■ 046BBD

■ 769DBD

■ 0069BD

■ 89A6BD

■ 9CAEBD

■ AEB6BD

■ C1BFBD

■ D4C7BD

■ E7D0BD

# Harmonies

## Analogous

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



008BB1



3D84BD



7879B8

# Triad

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



3D84BD



BB6767



548B59

# Complementary

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



3D84BD



BD763D

# 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.



798544



3D84BD



AF704D

# Square

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



3D84BD



B66686



987B3F



1C8F77

# Rectangle

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



3D84BD



9571AC



987B3F



618A50



# Sweetspot

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



3D84BD



C4DFF5



3DBD74



5D6D7A



FAFAFA



7A7A7A



# Same Dimension

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



3D84BD



2F9CF5



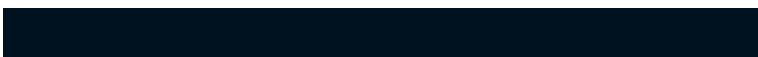
3D46BD



555A5E



00589E



00111F



# Inverse Universe

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



BD3D84



F52F9C



BDB43D



5E555A



9E0058



1F0011



# Previews

## White Background



This preview shows how the Hex color 3D84BD looks on a white background.

## Color Contrast Check

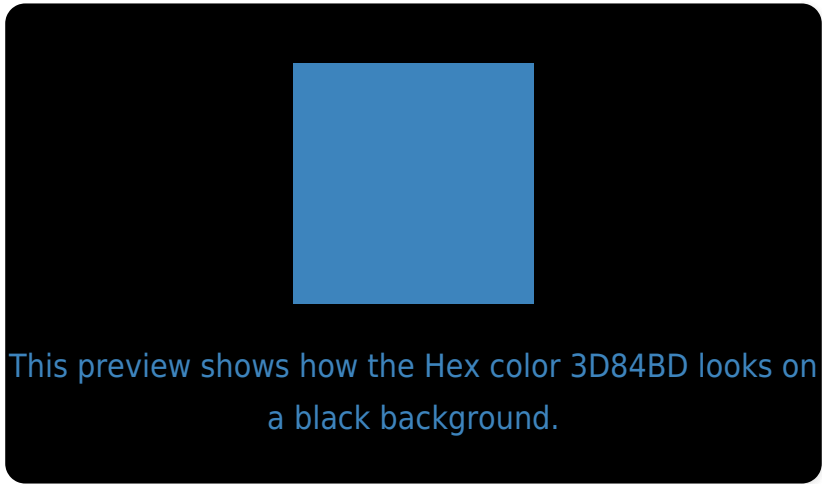
Large Text (above 18pt) WCAG AA ✓ Pass

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

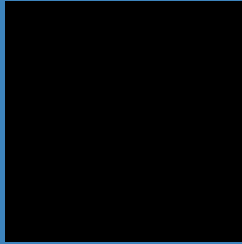
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3D84BD Background



This preview shows how black text looks on a background with the Hex color 3D84BD.

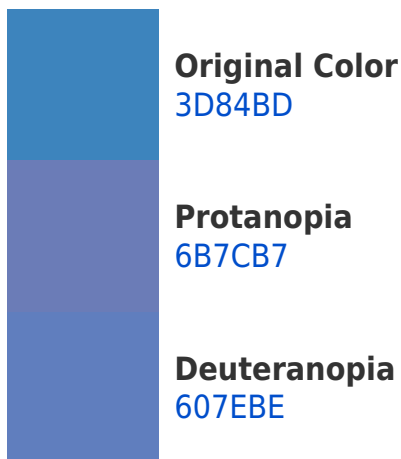


This preview shows how white text looks on a background with the Hex color 3D84BD.

# 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](#).

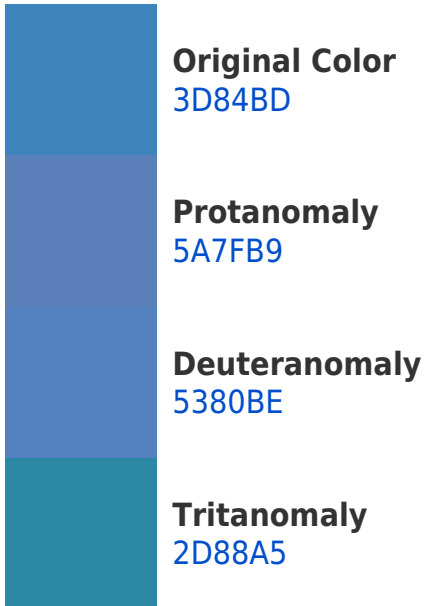
## Dichromacy



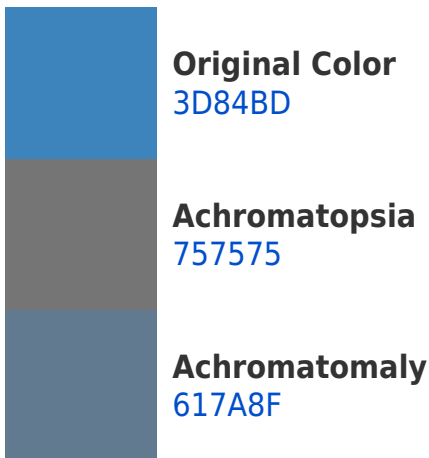


**Tritanopia**  
248B97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D84BD 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 #3D84BD looks like.

```
.text, #text, p{  
    color:#3D84BD  
}
```

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 #3D84BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D84BD
}
```

## Border

The CSS property to change the border of an element to Hex 3D84BD 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
#3D84BD }
```

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

```
.border{ border-color:#3D84BD }
```

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

Here you see how a box with a 4 pixel #3D84BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D84BD; -webkit-box-shadow:4px 4px  
4px 4px #3D84BD; box-shadow:4px 4px 4px  
4px #3D84BD }
```

# Background

The CSS property to change the background color of an element to Hex 3D84BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D84BD }
```

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

```
.background{ background-color:#3D84BD }
```

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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