

Converting Colors

Hex(3970BD)

Have a look what the booklet for
Hex(3970BD) contains.

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Color

Hex(3970BD)

Conversions

Conversions Part 1

Format	Color
Hex	3970BD
RGB	57, 112, 189
RGB Percent	22%, 44%, 74%
CMY	0.7765, 0.5608, 0.2588
CMYK	0.70, 0.41, 0.00, 0.26
HSL	215°, 54%, 48%
HSV	215°, 70%, 74%
XYZ	16.6668, 16.1323, 50.3795
YIQ	104.3330, -57.4970, 12.2870

Conversions

Conversions Part 2

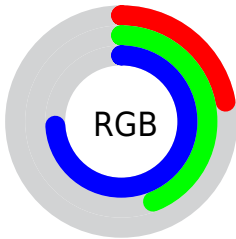
Format	Color
R_{YB}	57, 96, 189
Decimal	3764413
CIE _{Lab}	47.15, 7.67, -45.81
CIE _{LCh}	47, 46.452, 279.507
Yxy	16.1323, 0.2004, 0.1939
Android (android.graphics.Color)	4281954493 (0xFF3970BD)
YUV	104.3330, 41.7408, -41.5110
Hunter-Lab	40.1651, 3.7812, -46.2526

Details

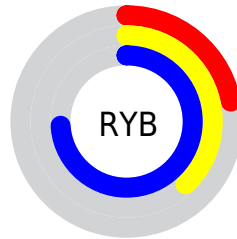
The Hex color **3970BD** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **BD8639**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **77A3F6**, and **004187** is the 20% darker color. If you saturate the color by 10%, you get **2665BD**, and if you desaturate by 10%, it is **4C7BBD**.

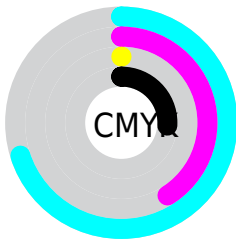
Distribution



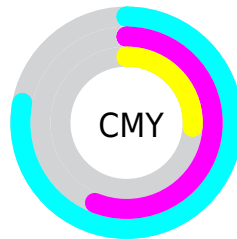
- Red (22%)
- Green (44%)
- Blue (74%)



- Red (22%)
- Yellow (38%)
- Blue (74%)



- Cyan (70%)
- Magenta (41%)
- Yellow (0%)
- Black (26%)



- Cyan (78%)
- Magenta (56%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3970BD 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 3970BD by changing the saturation by 10% instead.

■ 3970BD

■ 3970BD

FFFFFF

■ 0A58A2

■ 77A3F6

■ 004187

■ 94BEFF

■ 002C6D

■ B1DAFF

■ 001854

■ CEF6FF

■ 00063D

■ ECFFFF

■ 000326

■ 00010F

■ 000000

■ 3970BD

■ 3970BD

■ 2665BD

■ 4C7BBD

■ 135ABD

■ 5F86BD

■ 004FBD

■ 7291BD

■ 859CBD

■ 98A7BD

■ AAB2BD

■ BDBDBD

■ D0C8BD

■ E3D3BD

Harmonies

Analogous

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



007BB9



3970BD



8260AC

Triad

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



3970BD



B15540



008153

Complementary

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



3970BD



BD8639

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.



4F7B30



3970BD



9A6424

Square

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



3970BD



B74C65



79721B



00837B

Rectangle

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



3970BD



9E5598



79721B



257F46

Sweetspot

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



3970BD



C1D7F5



39BD86



5C697A



FAFAFA



7A7A7A

Same Dimension

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



3970BD



277DF5



4439BD



55595E



00429E



000D1F

Inverse Universe

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



BD3970



F5277D



B2BD39



5E5559



9E0042



1F000D

Previews

White Background



This preview shows how the Hex color 3970BD looks on a white background.

Color Contrast Check

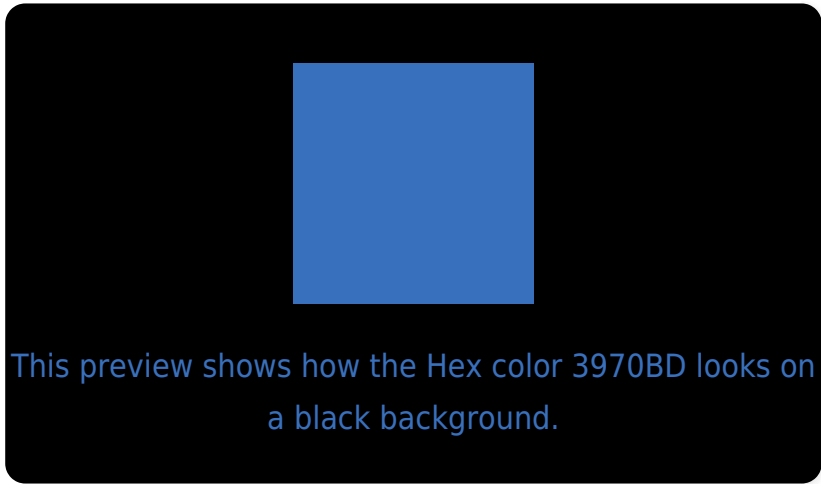
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

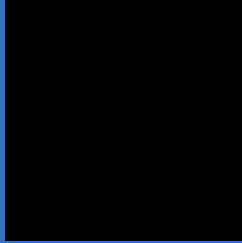
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

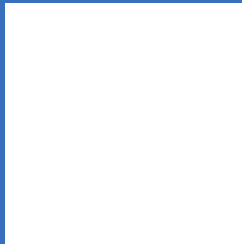
Any Text WCAG AAA × Fail

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

Hex 3970BD Background



This preview shows how black text looks on a background with the Hex color 3970BD.

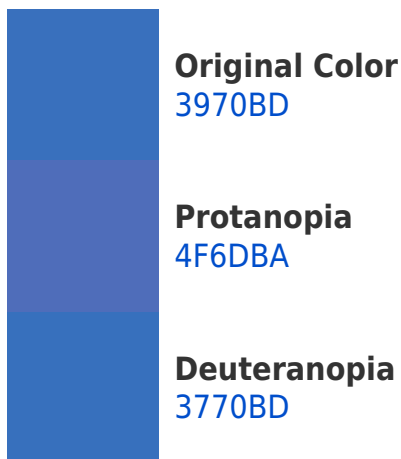


This preview shows how white text looks on a background with the Hex color 3970BD.

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](#).

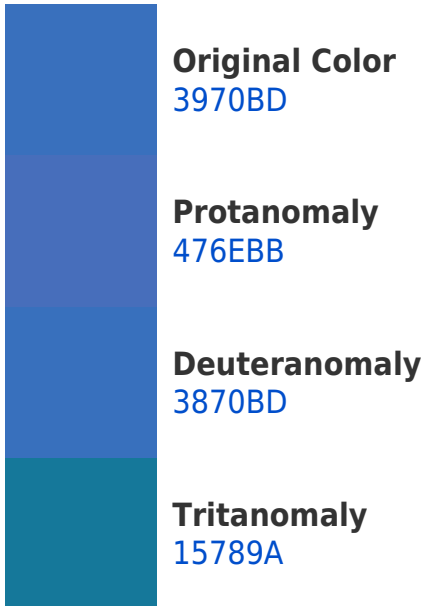
Dichromacy





Tritanopia
007C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3970BD 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 #3970BD looks like.

```
.text, #text, p{  
    color:#3970BD  
}
```

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 #3970BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3970BD
}
```

Border

The CSS property to change the border of an element to Hex 3970BD 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
#3970BD }
```

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

```
.border{ border-color:#3970BD }
```

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

Here you see how a box with a 4 pixel #3970BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3970BD; -webkit-box-shadow:4px 4px  
4px 4px #3970BD; box-shadow:4px 4px 4px  
4px #3970BD }
```

Background

The CSS property to change the background color of an element to Hex 3970BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3970BD }
```

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

```
.background{ background-color:#3970BD }
```

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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