

Converting Colors

Hex(3F88BD)

Have a look what the booklet for
Hex(3F88BD) contains.

Hex(3F88BD)	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(3F88BD)

Conversions

Conversions Part 1

Format	Color
Hex	3F88BD
RGB	63, 136, 189
RGB Percent	25%, 53%, 74%
CMY	0.7529, 0.4667, 0.2588
CMYK	0.67, 0.28, 0.00, 0.26
HSL	205°, 50%, 49%
HSV	205°, 67%, 74%
XYZ	20.0394, 22.3392, 51.3998
YIQ	120.2150, -60.5210, 1.0070

Conversions

Conversions Part 2

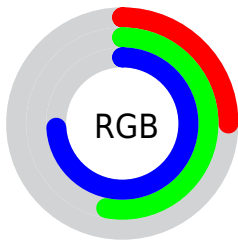
Format	Color
R _Y B	63, 109, 189
Decimal	4163773
CIE Lab	54.39, -5.79, -34.37
CIE LCh	54, 34.858, 260.432
Yxy	22.3392, 0.2137, 0.2382
Android (android.graphics.Color)	4282353853 (0xFF3F88BD)
YUV	120.2150, 33.9110, -50.1776
Hunter-Lab	47.2644, -7.0314, -31.3926




Details

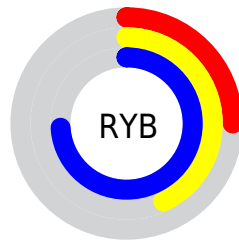
The Hex color **3F88BD** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BD743F**, and the grayscale version is **787878**.




A 20% lighter version of the original color is **7BBDF6**, and **005787** is the 20% darker color. If you saturate the color by 10%, you get **2C80BD**, and if you desaturate by 10%, it is **5290BD**.

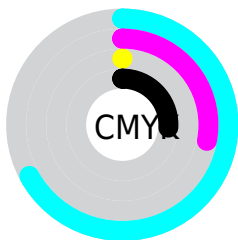
Distribution







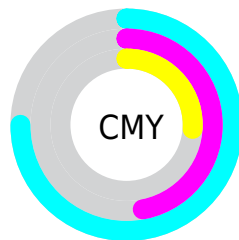
-  Red (25%)
-  Green (53%)
-  Blue (74%)






-  Red (25%)
-  Yellow (43%)
-  Blue (74%)



-  Cyan (67%)
-  Magenta (28%)
-  Yellow (0%)
-  Black (26%)



-  Cyan (75%)
-  Magenta (47%)
-  Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F88BD 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 3F88BD by changing the saturation by 10% instead.

■ 3F88BD

■ 3F88BD

FFFFFF

■ 186FA2

■ 7BBDF6

■ 005787

■ 98D9FF

■ 003F6E

■ B5F5FF

■ 002A55

■ D3FFFF

■ 00163E

■ F1FFFF

■ 000327

■ 000111

■ 000000

■ 3F88BD

■ 3F88BD

■ 2C80BD

■ 5290BD

■ 1978BD

■ 6598BD

■ 0670BD

■ 78A0BD

■ 006DBD

■ 8BA8BD

■ 9EB0BD

■ B0B8BD

■ C3C0BD

■ D6C8BD

■ E9D0BD

Harmonies

Analogous

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



008FB0



3F88BD



777EBA

Triad

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



3F88BD



BC6B6F



5E8E5B

Complementary

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



3F88BD



BD743F

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.



818748



3F88BD



B37255

Square

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



3F88BD



B66B8D



9E7D46



329177

Rectangle

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



3F88BD



9376B0



9E7D46



6A8C53

Sweetspot

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



3F88BD



C4E0F5



3FBD74



5D6E7A



FAFAFA



7A7A7A

Same Dimension

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



3F88BD



31A2F5



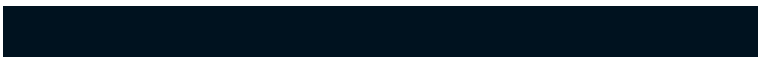
3F4ABD



555A5E



005C9E



00121F

Inverse Universe

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



BD3F88



F531A2



BDB33F



5E555A



9E005C



1F0012

Previews

White Background



This preview shows how the Hex color 3F88BD looks on a white background.

Color Contrast Check

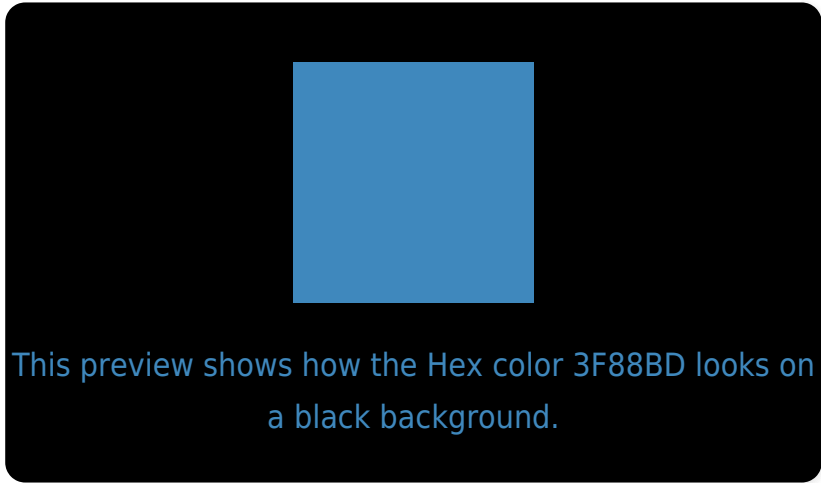
Large Text (above 18pt) WCAG AA ✓ Pass

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

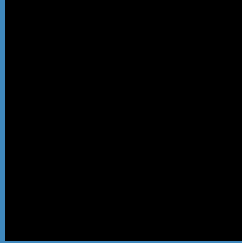
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

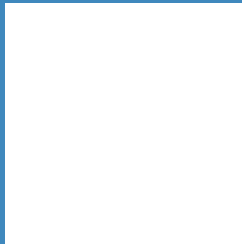
Any Text WCAG AAA × Fail

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

Hex 3F88BD Background



This preview shows how black text looks on a background with the Hex color 3F88BD.

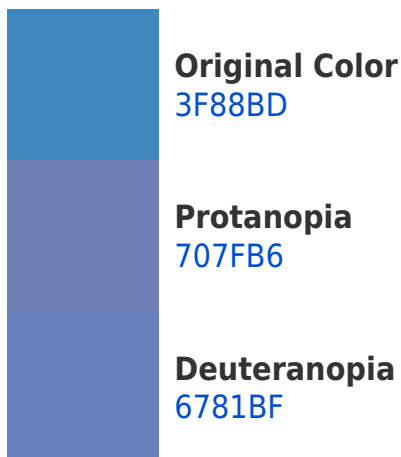


This preview shows how white text looks on a background with the Hex color 3F88BD.

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](#).

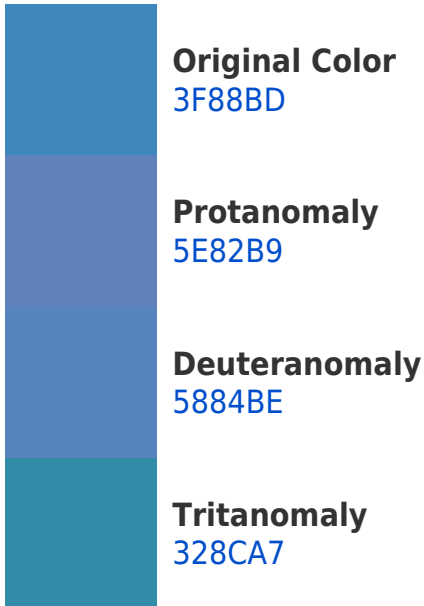
Dichromacy





Tritanopia
2A8F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3F88BD 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 #3F88BD looks like.

```
.text, #text, p{  
    color:#3F88BD  
}
```

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 #3F88BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F88BD
}
```

Border

The CSS property to change the border of an element to Hex 3F88BD 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
#3F88BD }
```

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

```
.border{ border-color:#3F88BD }
```

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

Here you see how a box with a 4 pixel #3F88BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F88BD; -webkit-box-shadow:4px 4px  
4px 4px #3F88BD; box-shadow:4px 4px 4px  
4px #3F88BD }
```

Background

The CSS property to change the background color of an element to Hex 3F88BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F88BD }
```

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

```
.background{ background-color:#3F88BD }
```

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