

Converting Colors

Hex(3889B5)

Have a look what the booklet for
Hex(3889B5) contains.

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Color

Hex(3889B5)

Conversions

Conversions Part 1

Format	Color
Hex	3889B5
RGB	56, 137, 181
RGB Percent	22%, 54%, 71%
CMY	0.7804, 0.4627, 0.2902
CMYK	0.69, 0.24, 0.00, 0.29
HSL	201°, 53%, 46%
HSV	201°, 69%, 71%
XYZ	18.9170, 22.0683, 46.9786
YIQ	117.7970, -62.4000, -3.4880

Conversions

Conversions Part 2

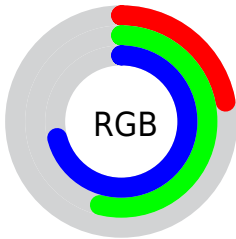
Format	Color
R_{YB}	56, 105, 181
Decimal	3705269
CIE _{Lab}	54.10, -10.23, -30.27
CIE _{LCh}	54, 31.947, 251.333
Yxy	22.0683, 0.2151, 0.2509
Android (android.graphics.Color)	4281895349 (0xFF3889B5)
YUV	117.7970, 31.1591, -54.1960
Hunter-Lab	46.9769, -10.3297, -26.4084

Details

The Hex color **3889B5** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B56438**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **75BEED**, and **005780** is the 20% darker color. If you saturate the color by 10%, you get **2683B5**, and if you desaturate by 10%, it is **4A8FB5**.

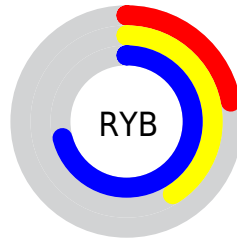
Distribution



Red (22%)

Green (54%)

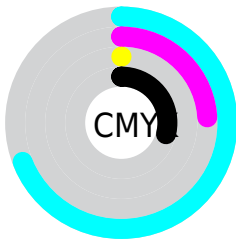
Blue (71%)



Red (22%)

Yellow (41%)

Blue (71%)

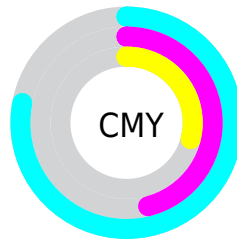


Cyan (69%)

Magenta (24%)

Yellow (0%)

Black (29%)



Cyan (78%)

Magenta (46%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3889B5 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 3889B5 by changing the saturation by 10% instead.

■ 3889B5

■ 3889B5

FFFFFF

■ 0A709A

■ 75BEED

■ 005780

■ 92DAFF

■ 004067

■ AFF7FF

■ 002A4E

■ CCFFFF

■ 001737

■ EAFFFF

■ 000221

■ 000007

■ 000000

■ 3889B5

■ 3889B5

■ 2683B5

■ 4A8FB5

■ 147CB5

■ 5C96B5

■ 0276B5

■ 6E9CB5

■ 0075B5

■ 80A2B5

■ 93A9B5

■ A5AFB5

■ B7B6B5

■ C9BCB5

■ DBC2B5

Harmonies

Analogous

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



008EA5



3889B5



6A81B7

Triad

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



3889B5



B76C78



6B8A57

Complementary

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



3889B5



B56438

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.



89834A



3889B5



B3715E

Square

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



3889B5



AC6E94



A27A4D



488F6F

Rectangle

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



3889B5



867AB0



A27A4D



758851

Sweetspot

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



3889B5



B9D9EB



38B564



586B75



F5F5F5



757575

Same Dimension

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



3889B5



28A6EB



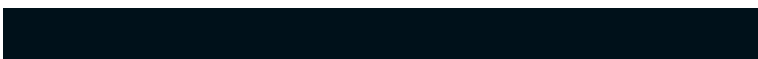
384BB5



505659



006399



00111A

Inverse Universe

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



B53889



EB28A6



B5A238



595056



990063



1A0011

Previews

White Background



This preview shows how the Hex color 3889B5 looks on a white background.

Color Contrast Check

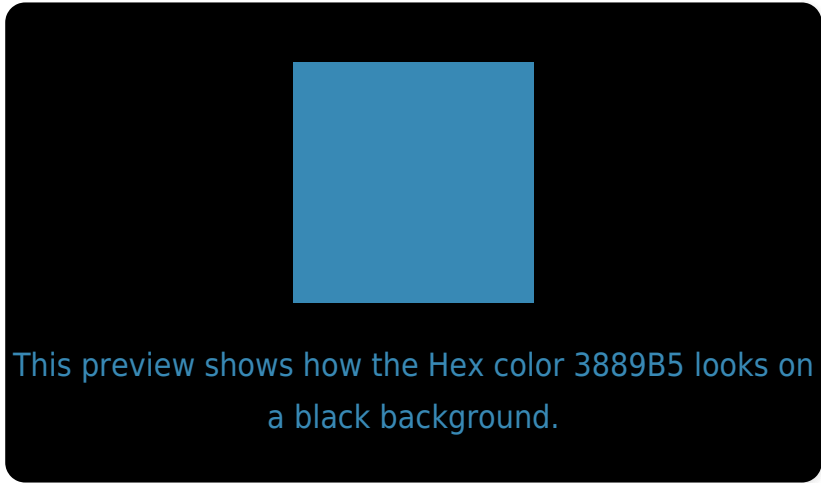
Large Text (above 18pt) WCAG AA ✓ Pass

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

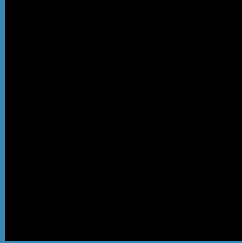
Any Text WCAG AA ✓ Pass

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 3889B5 Background



This preview shows how black text looks on a background with the Hex color 3889B5.

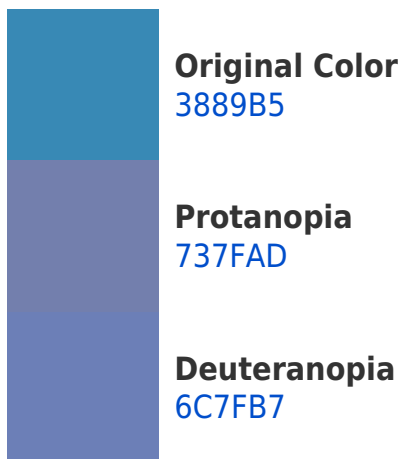


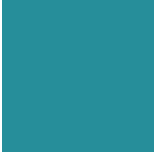
This preview shows how white text looks on a background with the Hex color 3889B5.

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](#).

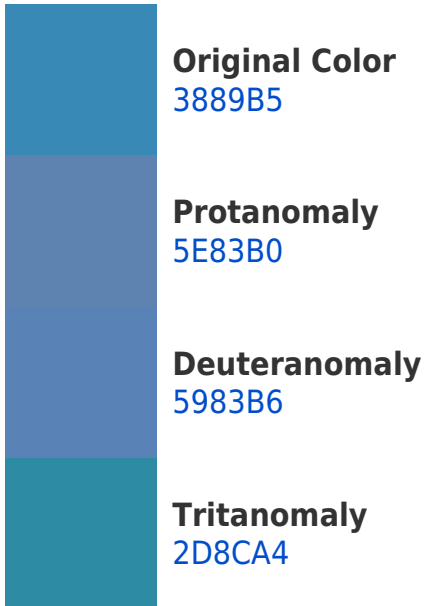
Dichromacy



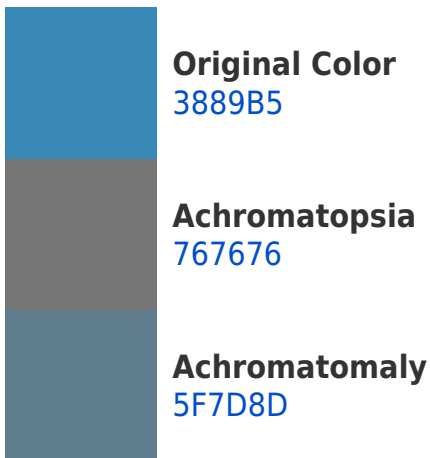


Tritanopia
268E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3889B5 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 #3889B5 looks like.

```
.text, #text, p{  
    color:#3889B5  
}
```

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 #3889B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3889B5
}
```

Border

The CSS property to change the border of an element to Hex 3889B5 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
#3889B5 }
```

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

```
.border{ border-color:#3889B5 }
```

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

Here you see how a box with a 4 pixel #3889B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3889B5; -webkit-box-shadow:4px 4px  
4px 4px #3889B5; box-shadow:4px 4px 4px  
4px #3889B5 }
```

Background

The CSS property to change the background color of an element to Hex 3889B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3889B5 }
```

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

```
.background{ background-color:#3889B5 }
```

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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