

# Converting Colors

Hex(3A80C5)

Have a look what the booklet for  
Hex(3A80C5) contains.

<b>Hex(3A80C5)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(3A80C5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3A80C5
RGB	58, 128, 197
RGB Percent	23%, 50%, 77%
CMY	0.7725, 0.4980, 0.2275
CMYK	0.71, 0.35, 0.00, 0.23
HSL	210°, 55%, 50%
HSV	210°, 71%, 77%
XYZ	19.5421, 20.3691, 55.7250
YIQ	114.9360, -63.8690, 6.6190

# Conversions

## Conversions Part 2

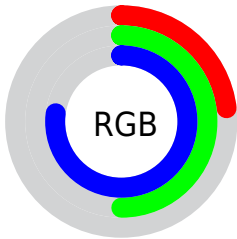
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 105, 197
Decimal	3834053
CIELab	52.25, 0.92, -42.30
CIElCh	52, 42.312, 271.244
Yxy	20.3691, 0.2043, 0.2130
Android (android.graphics.Color)	4282024133 (0xFF3A80C5)
YUV	114.9360, 40.4576, -49.9329
Hunter-Lab	45.1321, -1.6911, -41.6133

# Details

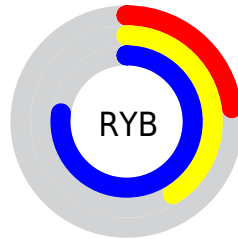
The Hex color **3A80C5** is a dark color, and the websafe version is hex **336699**. The color can be described as dark muted azure. A complement of this color would be **C57F3A**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **79B4FE**, and **004F8F** is the 20% darker color. If you saturate the color by 10%, you get **2676C5**, and if you desaturate by 10%, it is **4E8AC5**.

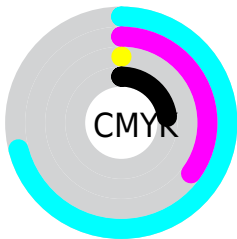
# Distribution



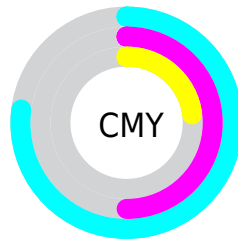
- Red (23%)
- Green (50%)
- Blue (77%)



- Red (23%)
- Yellow (41%)
- Blue (77%)



- Cyan (71%)
- Magenta (35%)
- Yellow (0%)
- Black (23%)



- Cyan (77%)
- Magenta (50%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A80C5 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 3A80C5 by changing the saturation by 10% instead.



■ 3A80C5

■ 3A80C5

FFFFFF

■ 0867A9

■ 79B4FE

■ 004F8F

■ 96D0FF

■ 003975

■ B4ECFF

■ 00245C

■ D1FFFF

■ 000E44

■ EFFFFFF

■ 00032D

■ 000117

■ 000000

■ 3A80C5

■ 3A80C5

■ 2676C5

■ 4E8AC5

■ 136CC5

■ 6194C5

■ 0063C5

■ 759DC5

■ 89A7C5

■ 9DB1C5

■ B0BBC5

■ C4C4C5

■ D8CEC5

■ EBD8C5

# Harmonies

## Analogous

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



0089BC



3A80C5



8173BB

# Triad

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



3A80C5



BE6259



3B8C58

# Complementary

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



3A80C5



C57F3A

# 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.



6B863C



3A80C5



AD6E3D

# Square

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



3A80C5



BE5D7D



907B31



008F7D

# Rectangle

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



3A80C5



9F69AA



907B31



4D8A4D

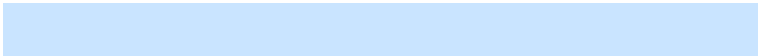


# Sweetspot

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



3A80C5



C9E4FF



3AC57D



607080



000000



808080



# Same Dimension

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



3A80C5



2693FF



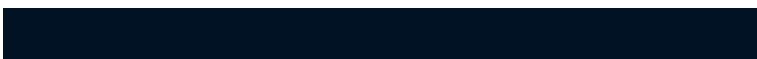
3A3CC5



5A5F63



0052A3



001224



# Inverse Universe

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



C53A80



FF2693



C5C33A



635A5F



A30052



240012



# Previews

## White Background



This preview shows how the Hex color 3A80C5 looks on a white background.

## Color Contrast Check

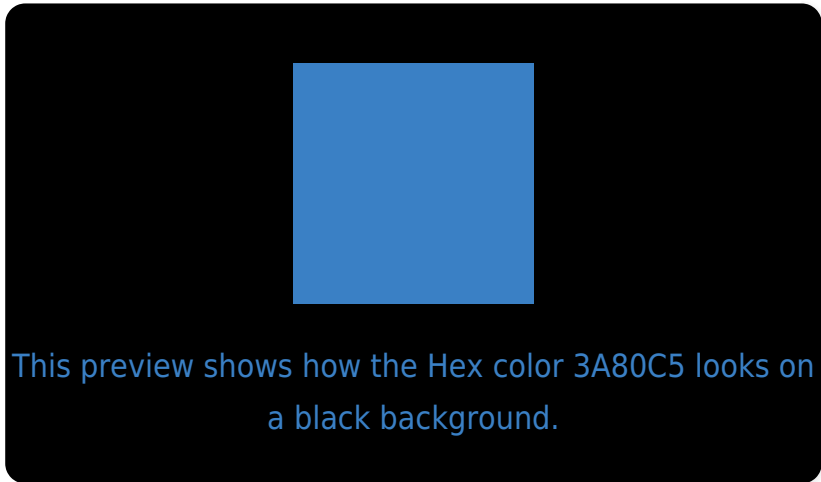
Large Text (above 18pt) WCAG AA ✓ Pass

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

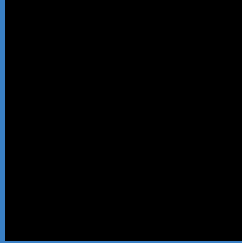
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3A80C5 Background



This preview shows how black text looks on a background with the Hex color 3A80C5.

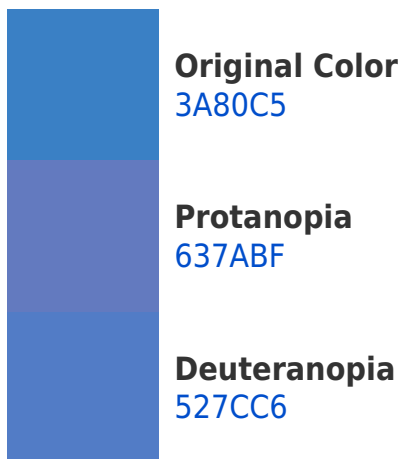


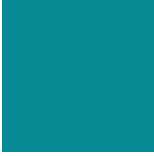
This preview shows how white text looks on a background with the Hex color 3A80C5.

# 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](#).

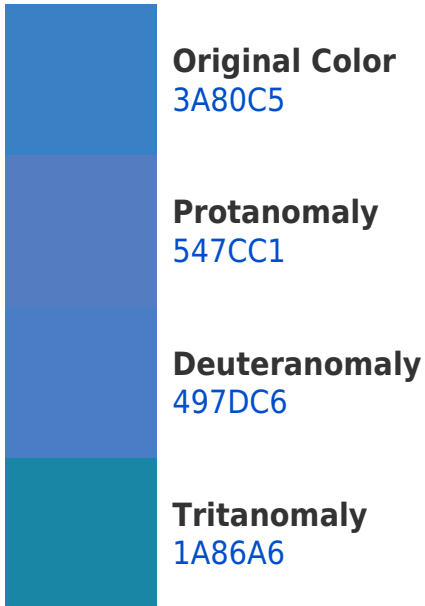
## Dichromacy





**Tritanopia**  
088A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A80C5 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 #3A80C5 looks like.

```
.text, #text, p{  
    color:#3A80C5  
}
```

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 #3A80C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A80C5
}
```

## Border

The CSS property to change the border of an element to Hex 3A80C5 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
#3A80C5 }
```

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

```
.border{ border-color:#3A80C5 }
```

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

Here you see how a box with a 4 pixel #3A80C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A80C5; -webkit-box-shadow:4px 4px  
4px 4px #3A80C5; box-shadow:4px 4px 4px  
4px #3A80C5 }
```

# Background

The CSS property to change the background color of an element to Hex 3A80C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A80C5 }
```

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

```
.background{ background-color:#3A80C5 }
```

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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