

Converting Colors

Hex(3890B4)

Have a look what the booklet for
Hex(3890B4) contains.

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Color

Hex(3890B4)

Conversions

Conversions Part 1

Format	Color
Hex	3890B4
RGB	56, 144, 180
RGB Percent	22%, 56%, 71%
CMY	0.7804, 0.4353, 0.2941
CMYK	0.69, 0.20, 0.00, 0.29
HSL	197°, 53%, 46%
HSV	197°, 69%, 71%
XYZ	19.8424, 24.0826, 46.7826
YIQ	121.7920, -64.0040, -7.4600

Conversions

Conversions Part 2

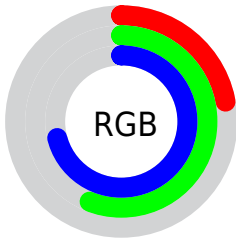
Format	Color
R_{YB}	56, 107, 180
Decimal	3707060
CIE _{Lab}	56.17, -14.47, -26.49
CIE _{LCh}	56, 30.179, 241.355
Yxy	24.0826, 0.2188, 0.2655
Android (android.graphics.Color)	4281897140 (0xFF3890B4)
YUV	121.7920, 28.6965, -57.6996
Hunter-Lab	49.0740, -13.7055, -22.1698

Details

The Hex color **3890B4** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B45C38**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **75C6EC**, and **005E7F** is the 20% darker color. If you saturate the color by 10%, you get **268BB4**, and if you desaturate by 10%, it is **4A95B4**.

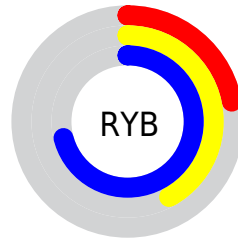
Distribution



Red (22%)

Green (56%)

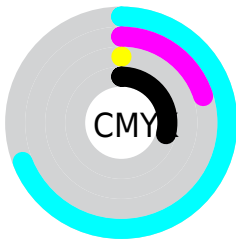
Blue (71%)



Red (22%)

Yellow (42%)

Blue (71%)

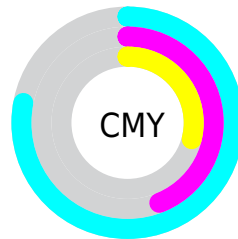


Cyan (69%)

Magenta (20%)

Yellow (0%)

Black (29%)



Cyan (78%)

Magenta (44%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3890B4 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 3890B4 by changing the saturation by 10% instead.

 3890B4

 3890B4

FFFFFF

 097699

 75C6EC

 005E7F

 92E2FF

 004666

 AFFFFF

 00304E

 CDFFFF

 001C37

 EBFFFF

 000221

 000006

 000000

 3890B4

 3890B4

■ 268BB4

■ 4A95B4

■ 1486B4

■ 5C9AB4

■ 0280B4

■ 6EA0B4

■ 0080B4

■ 80A5B4

■ 92AAB4

■ A4AFB4

■ B6B5B4

■ C8BAB4

■ DABFB4

Harmonies

Analogous

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



2194A1



3890B4



6389BB

Triad

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



3890B4



B87286



7B8D59

Complementary

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



3890B4



B45C38

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.



978552



3890B4



B9756D

Square

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



3890B4



A977A0



AD7C59



5C926D

Rectangle

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



3890B4



7F83B7



AD7C59



858B55

Sweetspot

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



3890B4



B9DCEB



38B45B



586D75



F5F5F5



757575

Same Dimension

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



3890B4



28B2EB



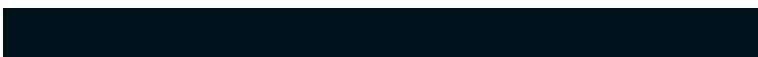
3853B4



505759



006D99



00121A

Inverse Universe

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



B43890



EB28B2



B49938



595057



99006D



1A0012

Previews

White Background



This preview shows how the Hex color 3890B4 looks on a white background.

Color Contrast Check

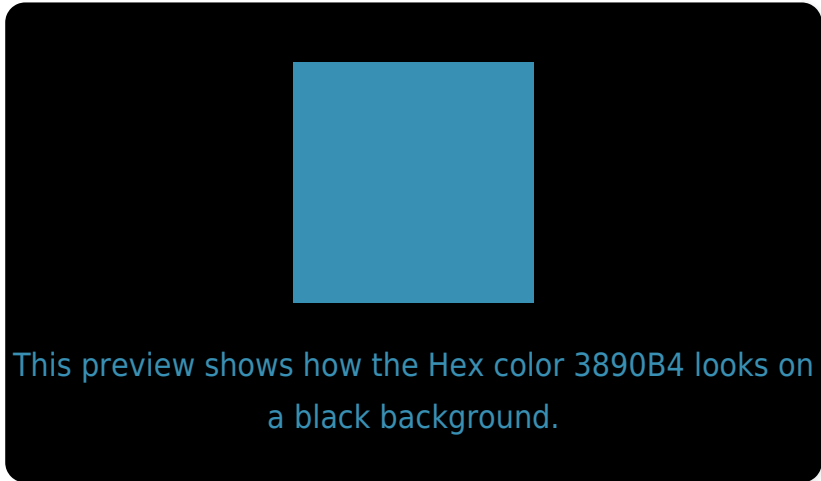
Large Text (above 18pt) WCAG AA ✓ Pass

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

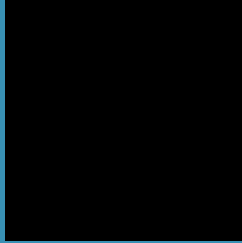
Any Text WCAG AA ✓ Pass

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 3890B4 Background



This preview shows how black text looks on a background with the Hex color 3890B4.

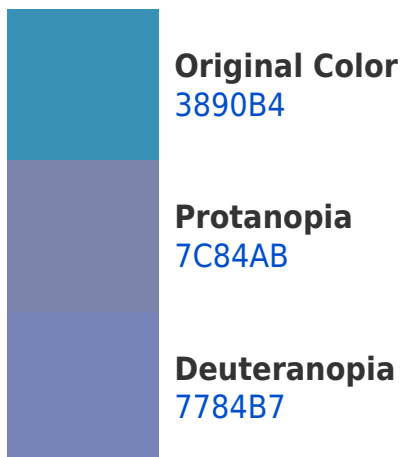


This preview shows how white text looks on a background with the Hex color 3890B4.

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](#).

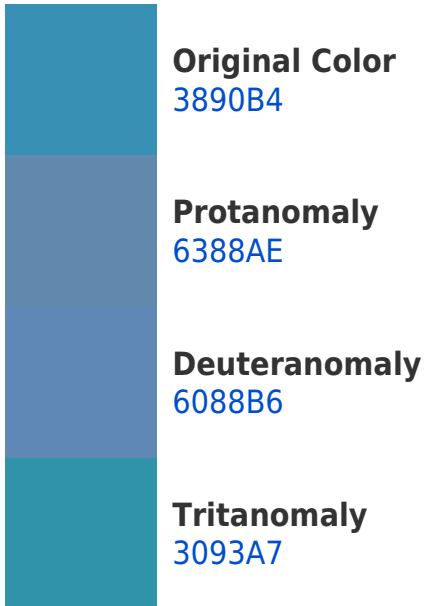
Dichromacy





Tritanopia
2B94A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3890B4 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 #3890B4 looks like.

```
.text, #text, p{  
    color:#3890B4  
}
```

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 #3890B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3890B4
}
```

Border

The CSS property to change the border of an element to Hex 3890B4 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
#3890B4 }
```

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

```
.border{ border-color:#3890B4 }
```

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

Here you see how a box with a 4 pixel #3890B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3890B4; -webkit-box-shadow:4px 4px  
4px 4px #3890B4; box-shadow:4px 4px 4px  
4px #3890B4 }
```

Background

The CSS property to change the background color of an element to Hex 3890B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3890B4 }
```

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

```
.background{ background-color:#3890B4 }
```

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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