

Converting Colors

Hex(3793AB)

Have a look what the booklet for
Hex(3793AB) contains.

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Color

Hex(3793AB)

Conversions

Conversions Part 1

Format	Color
Hex	3793AB
RGB	55, 147, 171
RGB Percent	22%, 58%, 67%
CMY	0.7843, 0.4235, 0.3294
CMYK	0.68, 0.14, 0.00, 0.33
HSL	192°, 51%, 44%
HSV	192°, 68%, 67%
XYZ	19.3600, 24.6199, 42.2598
YIQ	122.2280, -62.5360, -12.0400

Conversions

Conversions Part 2

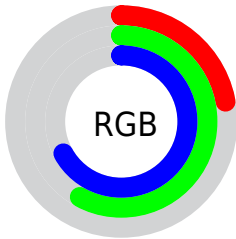
Format	Color
R_{YB}	55, 106, 171
Decimal	3642283
CIE _{Lab}	56.70, -19.19, -20.54
CIE _{LCh}	57, 28.106, 226.946
Yxy	24.6199, 0.2245, 0.2855
Android (android.graphics.Color)	4281832363 (0xFF3793AB)
YUV	122.2280, 24.0446, -58.9590
Hunter-Lab	49.6185, -17.1859, -15.7641

Details

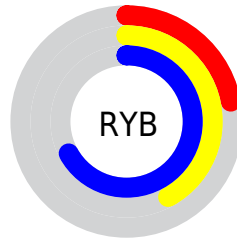
The Hex color **3793AB** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AB4F37**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **74C9E2**, and **006077** is the 20% darker color. If you saturate the color by 10%, you get **268FAB**, and if you desaturate by 10%, it is **4897AB**.

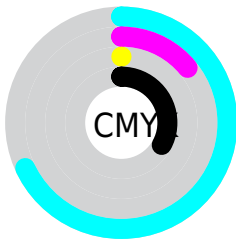
Distribution



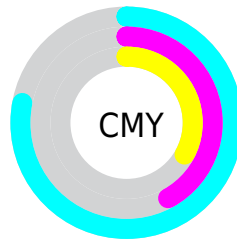
- Red (22%)
- Green (58%)
- Blue (67%)



- Red (22%)
- Yellow (42%)
- Blue (67%)



- Cyan (68%)
- Magenta (14%)
- Yellow (0%)
- Black (33%)



- Cyan (78%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3793AB 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 3793AB by changing the saturation by 10% instead.

 3793AB

 3793AB

FFFFFF

 097990

 74C9E2

 006077

 91E5FF

 00485E

 ADFFFF

 003146

 CBFFFF

 001E30

 E8FFFF

 00011B

 000000

 3793AB

 3793AB

 268FAB

 4897AB

■ 158CAB

■ 599AAB

■ 0488AB

■ 6A9EAB

■ 0088AB

■ 7BA1AB

■ 8CA5AB

■ 9EA8AB

■ AFACAB

■ C0AFAB

■ D1B3AB

Harmonies

Analogous

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



389595



3793AB



568EB7

Triad

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



3793AB



B17794



8B8B59

Complementary

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



3793AB



AB4F37

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.



A28359



3793AB



B9767B

Square

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



3793AB



9C7DAA



B37B65



6F9166

Rectangle

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



3793AB



7088B8



B37B65



938857

Sweetspot

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



3793AB



B1D5DE



37AB4E



556B70



F0F0F0



707070

Same Dimension

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



3793AB



2AB9DE



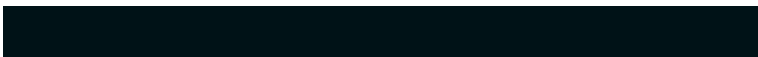
375AAB



4E5557



007796



001217

Inverse Universe

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



AB3793



DE2AB9



AB8837



574E55



960077



170012

Previews

White Background



This preview shows how the Hex color 3793AB looks on a white background.

Color Contrast Check

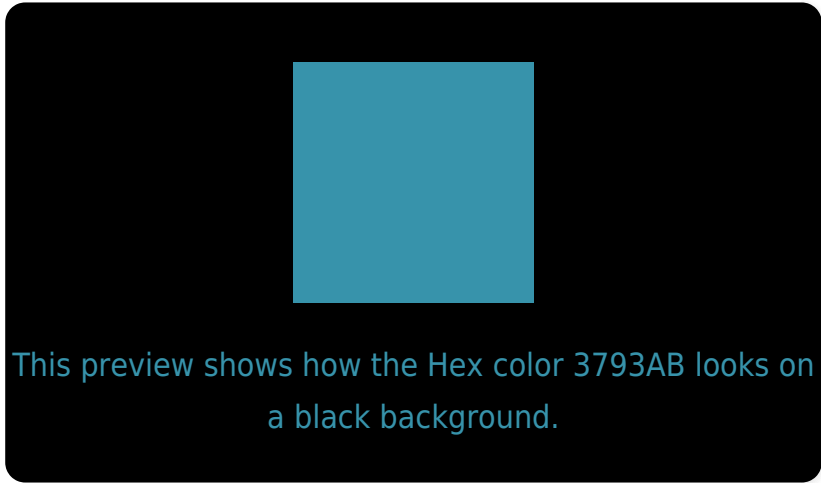
Large Text (above 18pt) WCAG AA ✓ Pass

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

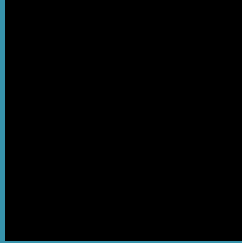
Any Text WCAG AA ✓ Pass

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 3793AB Background



This preview shows how black text looks on a background with the Hex color 3793AB.

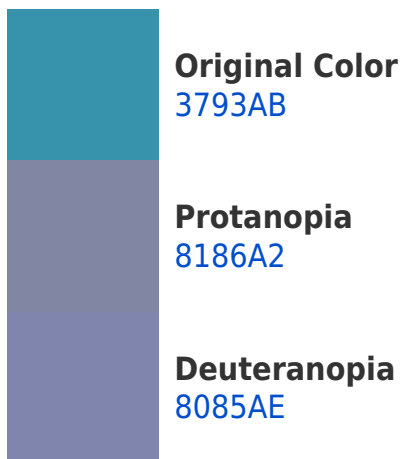


This preview shows how white text looks on a background with the Hex color 3793AB.

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
3195A1

Trichromacy



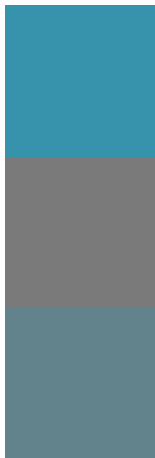
Original Color
3793AB

Protanomaly
668BA5

Deuteranomaly
658AAD

Tritanomaly
3394A5

Monochromacy



Original Color
3793AB

Achromatopsia
7A7A7A

Achromatomaly
62838C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3793AB 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 #3793AB looks like.

```
.text, #text, p{  
    color:#3793AB  
}
```

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 #3793AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3793AB
}
```

Border

The CSS property to change the border of an element to Hex 3793AB 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
#3793AB }
```

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

```
.border{ border-color:#3793AB }
```

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

Here you see how a box with a 4 pixel #3793AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3793AB; -webkit-box-shadow:4px 4px  
4px 4px #3793AB; box-shadow:4px 4px 4px  
4px #3793AB }
```

Background

The CSS property to change the background color of an element to Hex 3793AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3793AB }
```

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

```
.background{ background-color:#3793AB }
```

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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