

Converting Colors

Hex(3795AF)

Have a look what the booklet for
Hex(3795AF) contains.

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Color

Hex(3795AF)

Conversions

Conversions Part 1

Format	Color
Hex	3795AF
RGB	55, 149, 175
RGB Percent	22%, 58%, 69%
CMY	0.7843, 0.4157, 0.3137
CMYK	0.69, 0.15, 0.00, 0.31
HSL	193°, 52%, 45%
HSV	193°, 69%, 69%
XYZ	20.0609, 25.4023, 44.4032
YIQ	123.8580, -64.3700, -11.8420

Conversions

Conversions Part 2

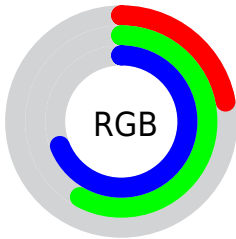
Format	Color
RYB	55, 108, 175
Decimal	3642799
CIELab	57.47, -18.96, -21.65
CIElCh	57, 28.781, 228.783
Yxy	25.4023, 0.2232, 0.2827
Android (android.graphics.Color)	4281832879 (0xFF3795AF)
YUV	123.8580, 25.2130, -60.3885
Hunter-Lab	50.4007, -17.1532, -16.9543

Details

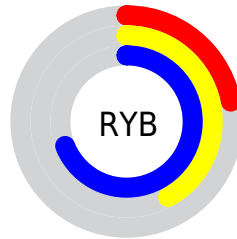
The Hex color **3795AF** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AF5137**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **74CBE7**, and **00627A** is the 20% darker color. If you saturate the color by 10%, you get **2691AF**, and if you desaturate by 10%, it is **4999AF**.

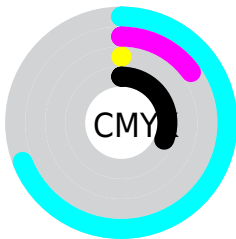
Distribution



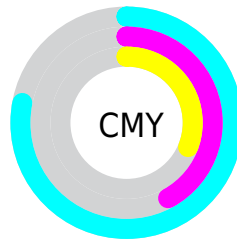
- Red (22%)
- Green (58%)
- Blue (69%)



- Red (22%)
- Yellow (42%)
- Blue (69%)



- Cyan (69%)
- Magenta (15%)
- Yellow (0%)
- Black (31%)



- Cyan (78%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3795AF 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 3795AF by changing the saturation by 10% instead.

■ 3795AF

■ 3795AF

FFFFFF

■ 077B94

■ 74CBE7

■ 00627A

■ 91E7FF

■ 004A62

■ AEFFFF

■ 00334A

■ CCFFFF

■ 001F33

■ E9FFFF

■ 00021E

■ 000000

■ 3795AF

■ 3795AF

■ 2691AF

■ 4999AF

148DAF

5A9DAF

038AAF

6CA0AF

0089AF

7DA4AF

8FA8AF

A0ACAF

B2B0AF

C3B3AF

D5B7AF

Harmonies

Analogous

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



369899



3795AF



598FBB

Triad

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



3795AF



B57895



8B8D5A

Complementary

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



3795AF



AF5137

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.



A48559



3795AF



BC777B

Square

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



3795AF



A17EAB



B57D65



6E9468

Rectangle

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



3795AF



738ABB



B57D65



948B58

Sweetspot

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



3795AF



B3D9E3



37AF51



566D73



F2F2F2



737373

Same Dimension

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



3795AF



29BBE3



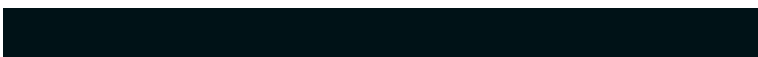
3759AF



4E5557



007696



001217

Inverse Universe

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



AF3795



E329BB



AF8D37



574E55



960076



170012

Previews

White Background



This preview shows how the Hex color 3795AF looks on a white background.

Color Contrast Check

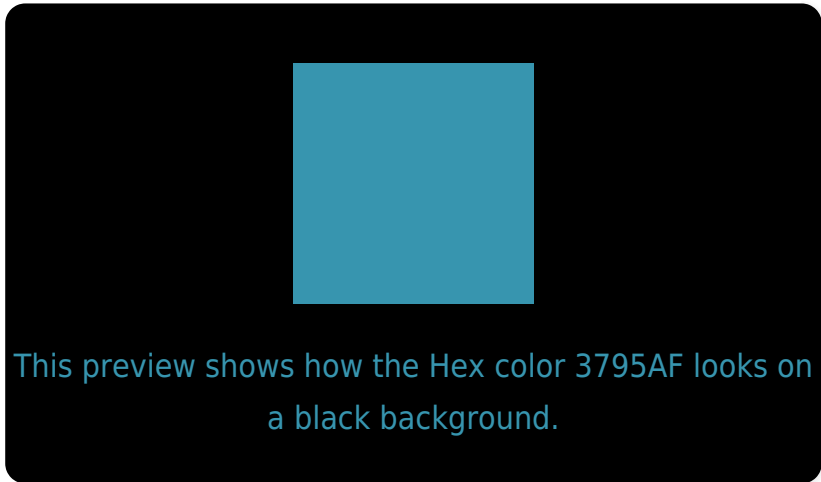
Large Text (above 18pt) WCAG AA ✓ Pass

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

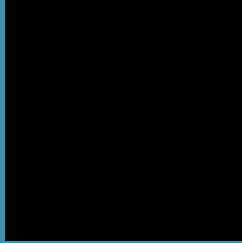
Any Text WCAG AA ✓ Pass

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 3795AF Background



This preview shows how black text looks on a background with the Hex color 3795AF.

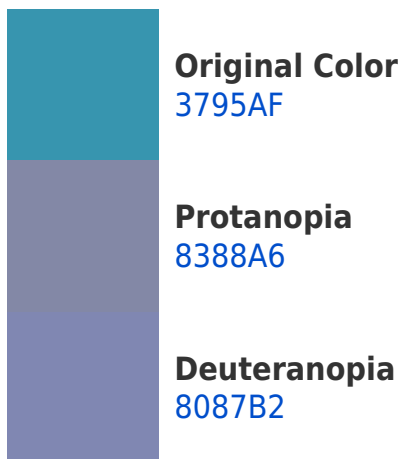


This preview shows how white text looks on a background with the Hex color 3795AF.

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](#).

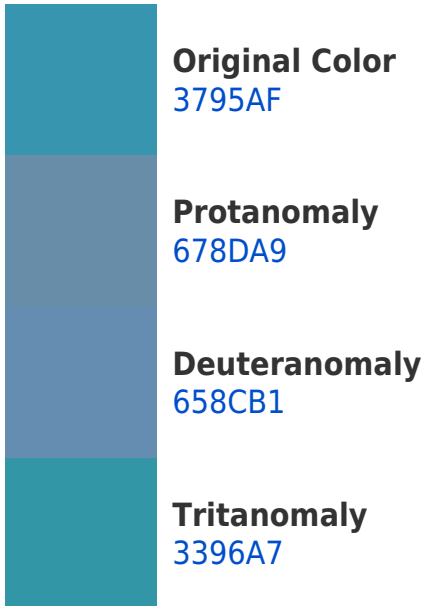
Dichromacy





Tritanopia
3097A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3795AF 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 #3795AF looks like.

```
.text, #text, p{  
    color:#3795AF  
}
```

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 #3795AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3795AF
}
```

Border

The CSS property to change the border of an element to Hex 3795AF 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
#3795AF }
```

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

```
.border{ border-color:#3795AF }
```

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

Here you see how a box with a 4 pixel #3795AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3795AF; -webkit-box-shadow:4px 4px  
4px 4px #3795AF; box-shadow:4px 4px 4px  
4px #3795AF }
```

Background

The CSS property to change the background color of an element to Hex 3795AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3795AF }
```

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

```
.background{ background-color:#3795AF }
```

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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