

Converting Colors

Hex(1196AF)

Have a look what the booklet for
Hex(1196AF) contains.

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Color

Hex(1196AF)

Conversions

Conversions Part 1

Format	Color
Hex	1196AF
RGB	17, 150, 175
RGB Percent	7%, 59%, 69%
CMY	0.9333, 0.4118, 0.3137
CMYK	0.90, 0.14, 0.00, 0.31
HSL	189°, 82%, 38%
HSV	189°, 90%, 69%
XYZ	18.8754, 25.0270, 44.3933
YIQ	113.0830, -87.2930, -20.4210

Conversions

Conversions Part 2

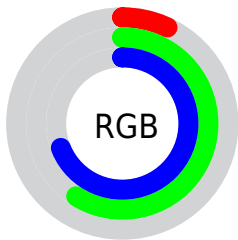
Format	Color
R_{YB}	17, 89, 175
Decimal	1152687
CIE _{Lab}	57.10, -23.38, -22.27
CIE _{LCh}	57, 32.286, 223.600
Yxy	25.0270, 0.2138, 0.2834
Android (android.graphics.Color)	4279342767 (0xFF1196AF)
YUV	113.0830, 30.5251, -84.2648
Hunter-Lab	50.0270, -20.1985, -17.5943

Details

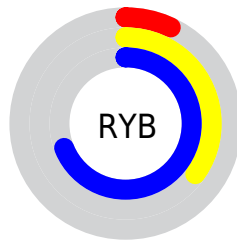
The Hex color **1196AF** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AF2A11**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **61CCE7**, and **00637A** is the 20% darker color. If you saturate the color by 10%, you get **0093AF**, and if you desaturate by 10%, it is **2299AF**.

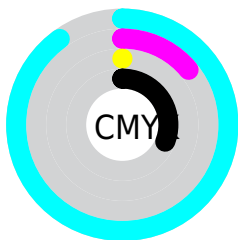
Distribution



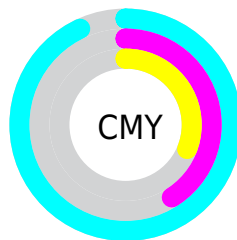
- Red (7%)
- Green (59%)
- Blue (69%)



- Red (7%)
- Yellow (35%)
- Blue (69%)



- Cyan (90%)
- Magenta (14%)
- Yellow (0%)
- Black (31%)



- Cyan (93%)
- Magenta (41%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1196AF 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 1196AF by changing the saturation by 10% instead.

1196AF

1196AF

FFFFFF

007C94

61CCE7

00637A

80E9FF

004B62

9EFFFF

00344A

BCFFFF

002033

DAFFFF

00021E

F8FFFF

000000

1196AF

1196AF

0093AF

2299AF

■ 349CAF

■ 469EAF

■ 57A1AF

■ 69A4AF

■ 7AA7AF

■ 8BA9AF

■ 9DACAF

■ AFAFAF

Harmonies

Analogous

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



229895



1196AF



4490BE

Triad

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



1196AF



B6759A



8F8B51

Complementary

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



1196AF



AF2A11

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.



A98253



1196AF



C0737D

Square

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



1196AF



9D7DB2



BB7964



70935F

Rectangle

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



1196AF



668BC1



BB7964



988850

Sweetspot

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



1196AF



A6D9E3



11AF29



4E6D73



F2F2F2



737373

Same Dimension

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



1196AF



00BFE3



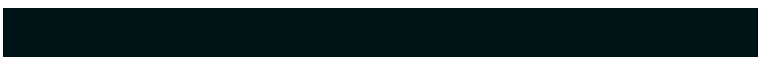
1148AF



4E5557



007F96



001317

Inverse Universe

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



AF1196



E300BF



AF7811



574E55



96007F



170013

Previews

White Background



This preview shows how the Hex color 1196AF looks on a white background.

Color Contrast Check

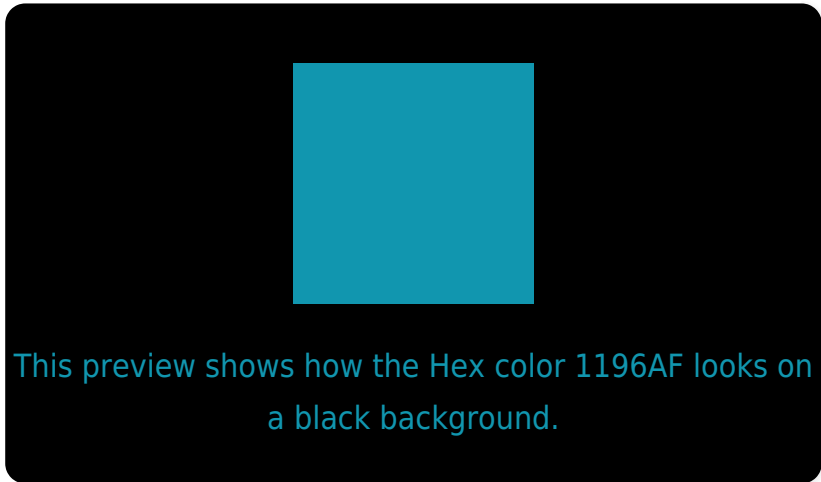
Large Text (above 18pt) WCAG AA ✓ Pass

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

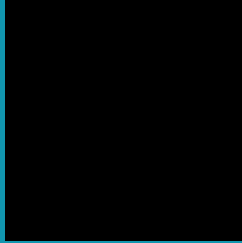
Any Text WCAG AA ✓ Pass

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 1196AF Background



This preview shows how black text looks on a background with the Hex color 1196AF.

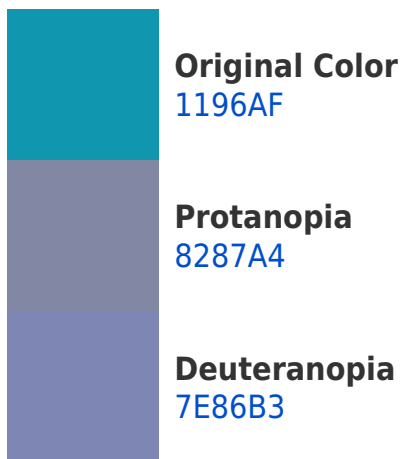


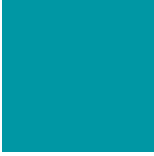
This preview shows how white text looks on a background with the Hex color 1196AF.

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](#).

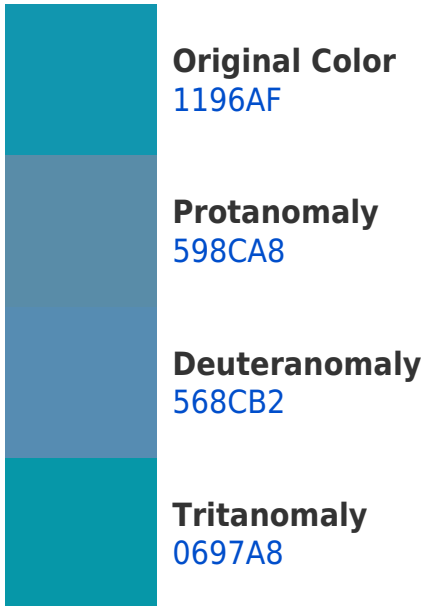
Dichromacy



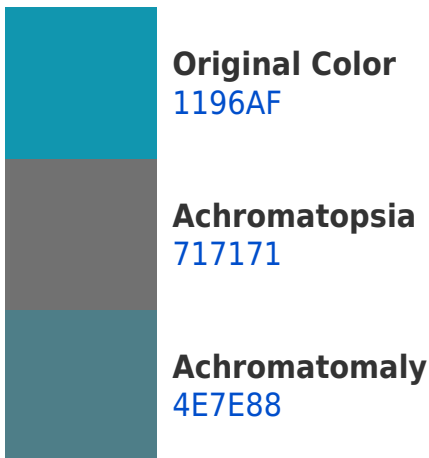


Tritanopia
0097A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1196AF 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 #1196AF looks like.

```
.text, #text, p{  
    color:#1196AF  
}
```

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 #1196AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1196AF
}
```

Border

The CSS property to change the border of an element to Hex 1196AF 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
#1196AF }
```

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

```
.border{ border-color:#1196AF }
```

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

Here you see how a box with a 4 pixel #1196AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1196AF; -webkit-box-shadow:4px 4px  
4px 4px #1196AF; box-shadow:4px 4px 4px  
4px #1196AF }
```

Background

The CSS property to change the background color of an element to Hex 1196AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1196AF }
```

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

```
.background{ background-color:#1196AF }
```

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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