

Converting Colors

Hex(1196AB)

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

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Color

Hex(1196AB)

Conversions

Conversions Part 1	
Format	Color
Hex	1196AB
RGB	17, 150, 171
RGB Percent	7%, 59%, 67%
CMY	0.9333, 0.4118, 0.3294
CMYK	0.90, 0.12, 0.00, 0.33
HSL	188°, 82%, 37%
HSV	188°, 90%, 67%
XYZ	18.4882, 24.8721, 42.3544
YIQ	112.6270, -86.0090, -21.6650

Conversions

Conversions Part 2

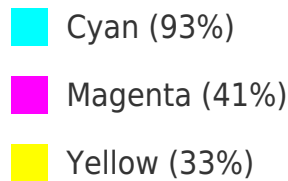
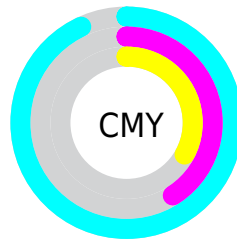
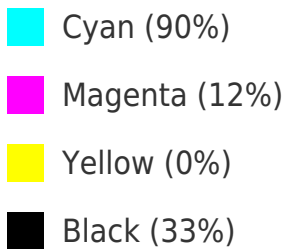
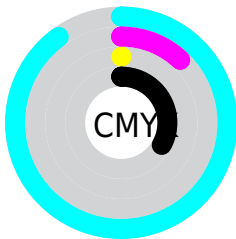
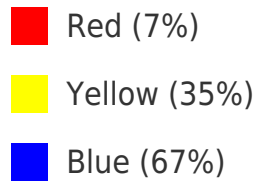
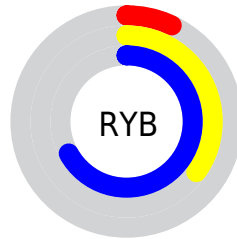
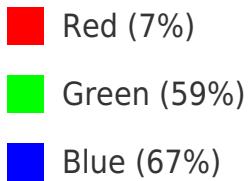
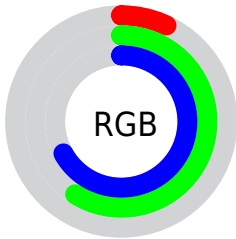
Format	Color
RYB	17, 88, 171
Decimal	1152683
CIELab	56.95, -24.74, -20.22
CIELCh	57, 31.950, 219.261
Yxy	24.8721, 0.2157, 0.2902
Android (android.graphics.Color)	4279342763 (0xFF1196AB)
YUV	112.6270, 28.7779, -83.8649
Hunter-Lab	49.8720, -21.1036, -15.4425

Details

The Hex color **1196AB** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AB2611**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **61CCE2**, and **006377** is the 20% darker color. If you saturate the color by 10%, you get **0094AB**, and if you desaturate by 10%, it is **2298AB**.


Distribution



Brightness & Saturation Gradients

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

 1196AB

FFFFFF

 61CCE2


 7FE9FF

 9DFFFF

 BBFFFF

 D9FFFF

 F7FFFF

 1196AB

 007C90

 006377


 004B5E

 003346


 002030

 00011B

 000000

 1196AB

 0094AB

 1196AB

 2298AB

 339BAB

 449DAB

 559FAB

 66A2AB

 78A4AB

 89A6AB

 9AA9AB

 ABABAB

Harmonies

Analogous

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



2A9891



1196AB



3E91BC

Triad

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



1196AB



B3769D



938A51

Complementary

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



1196AB



AB2611

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.



AB8055



1196AB



BF7381

Square

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



1196AB



977EB4



BB7767



74915D

Rectangle

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



1196AB



5F8CC0



BB7767



9C8751

Sweetspot

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



1196AB



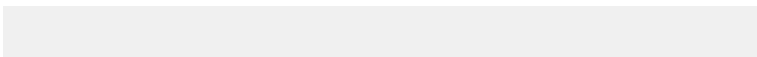
A2D6DE



11AB26



4C6B70



F0F0F0



707070

Same Dimension

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



1196AB



00CODE



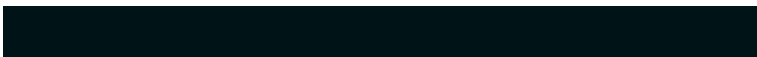
1149AB



4E5657



008296



001417

Inverse Universe

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



AB1196



DE00C0



AB7311



574E56



960082



170014

Previews

White Background



This preview shows how the Hex color 1196AB 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



This preview shows how the Hex color 1196AB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

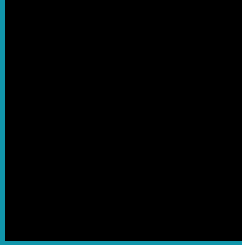
Any Text WCAG AA ✓ Pass

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 1196AB Background



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

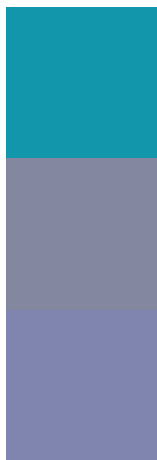


This preview shows how white text looks on a background with the Hex color 1196AB.

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](#).

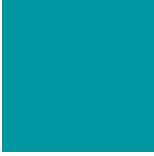
Dichromacy



Original Color
1196AB


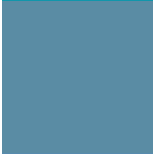


Protanopia
8387A0

Deuteranopia
8085AF






Tritanopia
0097A3

Trichromacy

	Original Color 1196AB
	Protanomaly 5A8CA4
	Deuteranomaly 588BAE
	Tritanomaly 0697A6

Monochromacy

	Original Color 1196AB
	Achromatopsia 717171
	Achromatomaly 4E7E86

CSS Examples

Text

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

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

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 #1196AB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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