

Converting Colors

Hex(1E99AA)

Have a look what the booklet for
Hex(1E99AA) contains.

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Color

Hex(1E99AA)

Conversions

Conversions Part 1

Format	Color
Hex	1E99AA
RGB	30, 153, 170
RGB Percent	12%, 60%, 67%
CMY	0.8824, 0.4000, 0.3333
CMYK	0.82, 0.10, 0.00, 0.33
HSL	187°, 70%, 39%
HSV	187°, 82%, 67%
XYZ	19.1824, 25.9608, 42.0301
YIQ	118.1610, -78.7650, -20.7890

Conversions

Conversions Part 2

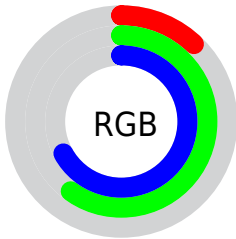
Format	Color
RYB	30, 95, 170
Decimal	2005418
CIELab	58.00, -25.68, -18.04
CIELCh	58, 31.381, 215.085
Yxy	25.9608, 0.2200, 0.2978
Android (android.graphics.Color)	4280195498 (0xFF1E99AA)
YUV	118.1610, 25.5566, -77.3172
Hunter-Lab	50.9517, -21.9636, -13.2422

Details

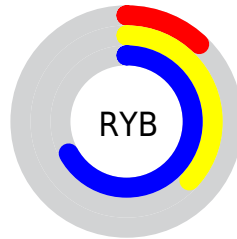
The Hex color **1E99AA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AA2F1E**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **66D0E1**, and **006676** is the 20% darker color. If you saturate the color by 10%, you get **0D97AA**, and if you desaturate by 10%, it is **2F9BAA**.

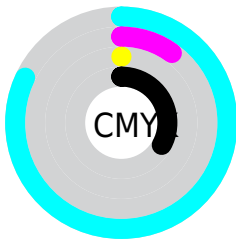
Distribution



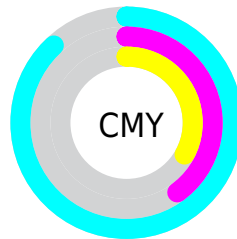
- Red (12%)
- Green (60%)
- Blue (67%)



- Red (12%)
- Yellow (37%)
- Blue (67%)



- Cyan (82%)
- Magenta (10%)
- Yellow (0%)
- Black (33%)



- Cyan (88%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E99AA 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 1E99AA by changing the saturation by 10% instead.

 1E99AA

 1E99AA

FFFFFF

 007F8F

 66D0E1

 006676

 84ECFE

 004D5D

 A2FFFF

 003646

 BFFFFF

 00222F

 DDFFFF

 00011B

 FBFFFF

 000000

 1E99AA

 1E99AA

 0D97AA

 2F9BAA

0095AA

409DAA

519FAA

62A1AA

73A3AA

84A5AA

95A7AA

A6AAAA

B7ACAA

Harmonies

Analogous

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



369A8F



1E99AA



3D94BC

Triad

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



1E99AA



B27AA3



998B54

Complementary

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



1E99AA



AA2F1E

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.



B1825A



1E99AA



C07688

Square

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



1E99AA



9583B8



BF796D



7C935E

Rectangle

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



1E99AA



5D8FC2



BF796D



A28854

Sweetspot

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



1E99AA



A6D7DE



1EAA2E



4F6C70



F0F0F0



707070

Same Dimension

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



1E99AA



02C3DE



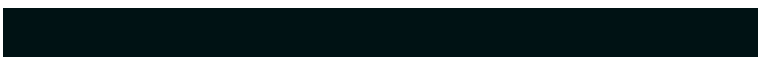
1E54AA



4C5354



008294



001214

Inverse Universe

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



AA1E99



DE02C3



AA741E



544C53



940082



140012

Previews

White Background



This preview shows how the Hex color 1E99AA looks on a white background.

Color Contrast Check

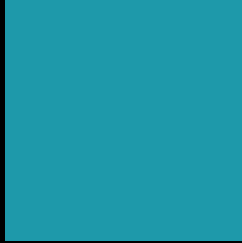
Large Text (above 18pt) WCAG AA ✓ Pass

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 1E99AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

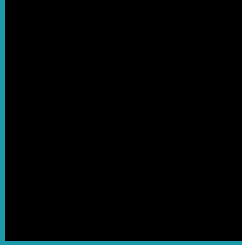
Any Text WCAG AA ✓ Pass

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 1E99AA Background



This preview shows how black text looks on a background with the Hex color 1E99AA.

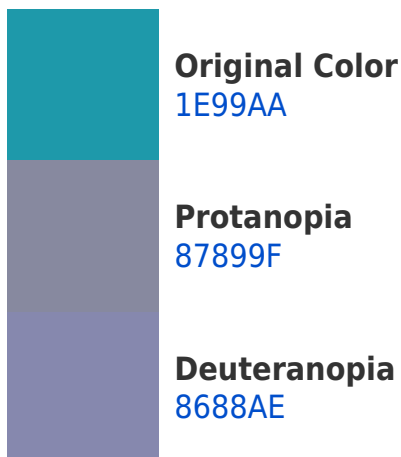


This preview shows how white text looks on a background with the Hex color 1E99AA.

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](#).

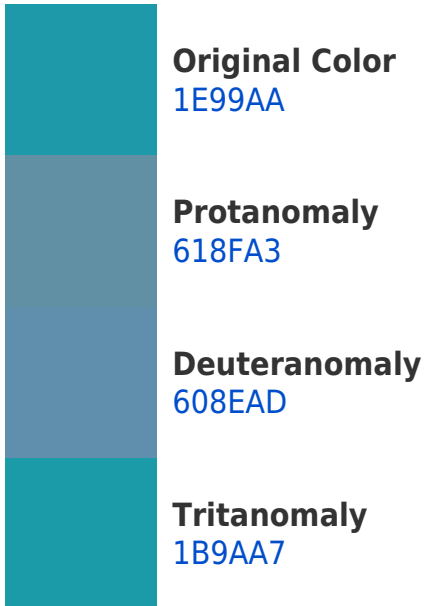
Dichromacy



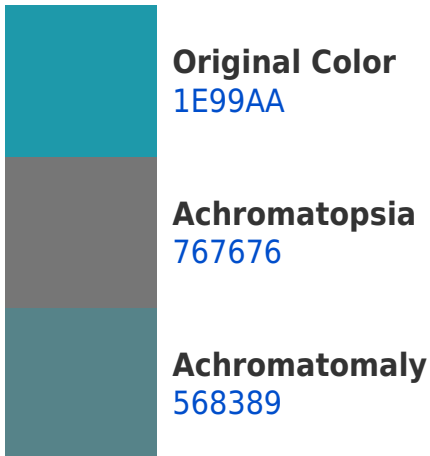


Tritanopia
199AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E99AA 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 #1E99AA looks like.

```
.text, #text, p{  
    color:#1E99AA  
}
```

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 #1E99AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E99AA
}
```

Border

The CSS property to change the border of an element to Hex 1E99AA 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
#1E99AA }
```

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

```
.border{ border-color:#1E99AA }
```

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

Here you see how a box with a 4 pixel #1E99AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E99AA; -webkit-box-shadow:4px 4px  
4px 4px #1E99AA; box-shadow:4px 4px 4px  
4px #1E99AA }
```

Background

The CSS property to change the background color of an element to Hex 1E99AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E99AA }
```

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

```
.background{ background-color:#1E99AA }
```

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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