

Converting Colors

Hex(2E99A9)

Have a look what the booklet for
Hex(2E99A9) contains.

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Color

Hex(2E99A9)

Conversions

Conversions Part 1

Format	Color
Hex	2E99A9
RGB	46, 153, 169
RGB Percent	18%, 60%, 66%
CMY	0.8196, 0.4000, 0.3373
CMYK	0.73, 0.09, 0.00, 0.34
HSL	188°, 57%, 42%
HSV	188°, 73%, 66%
XYZ	19.6794, 26.2279, 41.5614
YIQ	122.8310, -68.9080, -17.7080

Conversions

Conversions Part 2

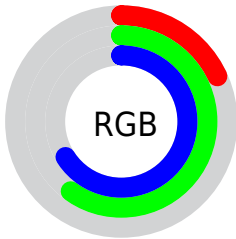
Format	Color
R_{YB}	46, 103, 169
Decimal	3053993
CIE _{Lab}	58.25, -24.26, -17.06
CIE _{LCh}	58, 29.655, 215.115
Yxy	26.2279, 0.2250, 0.2999
Android (android.graphics.Color)	4281244073 (0xFF2E99A9)
YUV	122.8310, 22.7613, -67.3808
Hunter-Lab	51.2132, -21.0319, -12.2668

Details

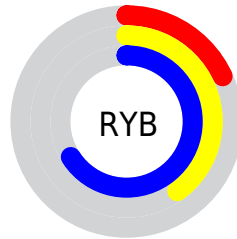
The Hex color **2E99A9** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A93E2E**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **6ED0E0**, and **006675** is the 20% darker color. If you saturate the color by 10%, you get **1D97A9**, and if you desaturate by 10%, it is **3F9BA9**.

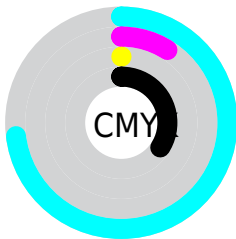
Distribution



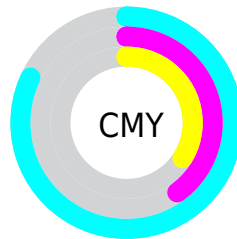
- Red (18%)
- Green (60%)
- Blue (66%)



- Red (18%)
- Yellow (40%)
- Blue (66%)



- Cyan (73%)
- Magenta (9%)
- Yellow (0%)
- Black (34%)



- Cyan (82%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E99A9 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 2E99A9 by changing the saturation by 10% instead.

 2E99A9

 2E99A9

FFFFFF

 007F8F

 6ED0E0

 006675

 8BECFD

 004D5C

 A9FFFF

 003645

 C6FFFF

 00222E

 E4FFFF

 00011A

 000000

 2E99A9

 2E99A9

 1D97A9

 3F9BA9

0C95A9

509DA9

0093A9

61A0A9

72A2A9

83A4A9

93A6A9

A4A8A9

B5ABA9

C6ADA9

Harmonies

Analogous

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



3F9A90



2E99A9



4695BA

Triad

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



2E99A9



B17CA2



998C58

Complementary

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



2E99A9



A93E2E

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.



B0835E



2E99A9



BE7888

Square

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



2E99A9



9584B7



BD7B6F



7D9361

Rectangle

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



2E99A9



6190BF



BD7B6F



A28958

Sweetspot

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



2E99A9



ABD5DB



2EA93C



516A6E



EDEDED



6E6E6E

Same Dimension

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



2E99A9



1DC2DB



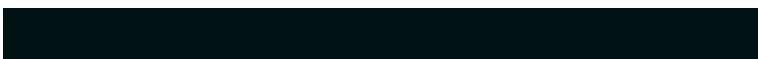
2E5DA9



4C5354



008194



001214

Inverse Universe

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



A92E99



DB1DC2



A97A2E



544C53



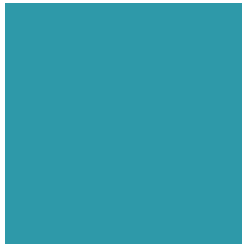
940081



140012

Previews

White Background



This preview shows how the Hex color 2E99A9 looks on a white background.

Color Contrast Check

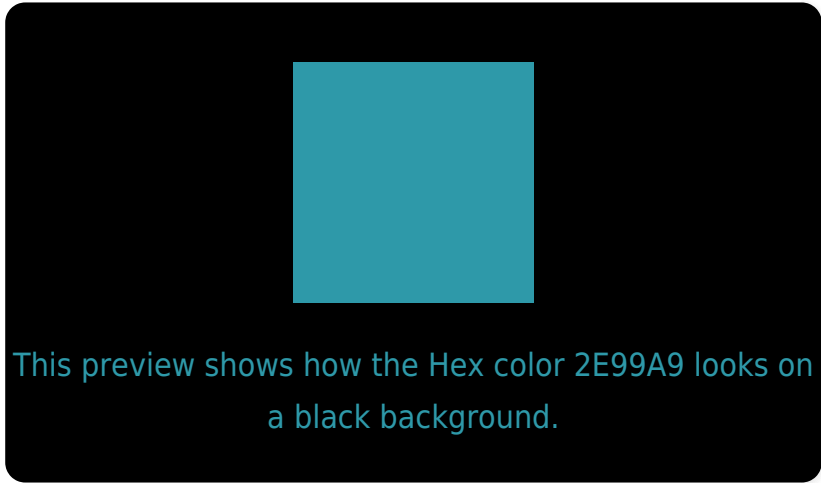
Large Text (above 18pt) WCAG AA ✓ Pass

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

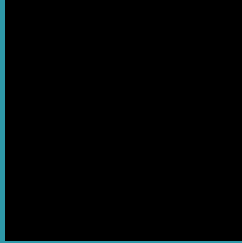
Any Text WCAG AA ✓ Pass

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 2E99A9 Background



This preview shows how black text looks on a background with the Hex color 2E99A9.

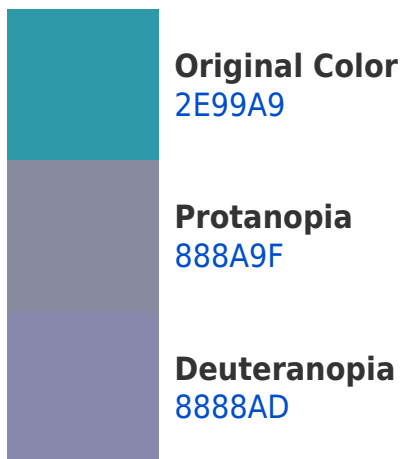


This preview shows how white text looks on a background with the Hex color 2E99A9.

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
2C99A6

Trichromacy



Original Color
2E99A9



Protanomaly
678FA3



Deuteranomaly
678EAC



Tritanomaly
2D99A7

Monochromacy



Original Color
2E99A9



Achromatopsia
7B7B7B



Achromatomaly
5F868C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E99A9 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 #2E99A9 looks like.

```
.text, #text, p{  
    color:#2E99A9  
}
```

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 #2E99A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E99A9
}
```

Border

The CSS property to change the border of an element to Hex 2E99A9 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
#2E99A9 }
```

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

```
.border{ border-color:#2E99A9 }
```

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

Here you see how a box with a 4 pixel #2E99A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E99A9; -webkit-box-shadow:4px 4px  
4px 4px #2E99A9; box-shadow:4px 4px 4px  
4px #2E99A9 }
```

Background

The CSS property to change the background color of an element to Hex 2E99A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E99A9 }
```

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

```
.background{ background-color:#2E99A9 }
```

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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