

Converting Colors

Hex(2E9CC8)

Have a look what the booklet for
Hex(2E9CC8) contains.

Hex(2E9CC8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2E9CC8)

Conversions

Conversions Part 1

Format	Color
Hex	2E9CC8
RGB	46, 156, 200
RGB Percent	18%, 61%, 78%
CMY	0.8196, 0.3882, 0.2157
CMYK	0.77, 0.22, 0.00, 0.22
HSL	197°, 63%, 48%
HSV	197°, 77%, 78%
XYZ	23.4405, 28.5279, 58.9146
YIQ	128.1260, -79.6840, -9.6360

Conversions

Conversions Part 2

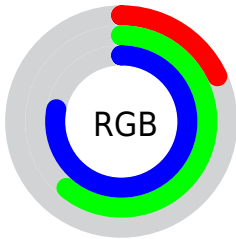
Format	Color
R _{YB}	46, 110, 200
Decimal	3054792
CIE Lab	60.36, -15.60, -31.31
CIE LCh	60, 34.982, 243.525
Yxy	28.5279, 0.2114, 0.2573
Android (android.graphics.Color)	4281244872 (0xFF2E9CC8)
YUV	128.1260, 35.4339, -72.0245
Hunter-Lab	53.4115, -15.1326, -28.0107

Details

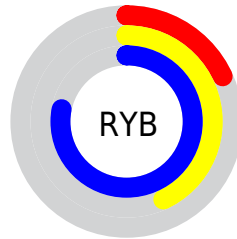
The Hex color **2E9CC8** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark muted azure. A complement of this color would be **C85A2E**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **73D3FF**, and **006992** is the 20% darker color. If you saturate the color by 10%, you get **1A96C8**, and if you desaturate by 10%, it is **42A2C8**.

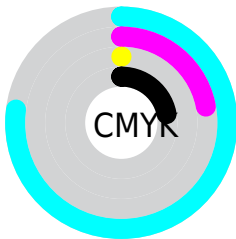
Distribution



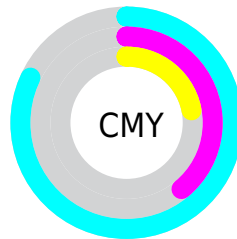
- Red (18%)
- Green (61%)
- Blue (78%)



- Red (18%)
- Yellow (43%)
- Blue (78%)



- Cyan (77%)
- Magenta (22%)
- Yellow (0%)
- Black (22%)



- Cyan (82%)
- Magenta (39%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E9CC8 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 2E9CC8 by changing the saturation by 10% instead.

■ 2E9CC8

■ 2E9CC8

FFFFFF

■ 0082AD

■ 73D3FF

■ 006992

■ 91EFFF

■ 005178

■ AFFFFFF

■ 003A5F

■ CDFFFF

■ 002447

■ ECFFFF

■ 000631

■ 00011B

■ 000000

■ 2E9CC8

■ 2E9CC8

■ 1A96C8

■ 42A2C8

■ 0691C8

■ 56A7C8

■ 008FC8

■ 6AADC8

■ 7EB3C8

■ 92B9C8

■ A6BEC8

■ BAC4C8

■ CECAC8

■ E2CFC8

Harmonies

Analogous

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



00A1B3



2E9CC8



6A93CF

Triad

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



2E9CC8



CC798F



819A5D

Complementary

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



2E9CC8



C85A2E

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.



A29153



2E9CC8



CB7D71

Square

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



2E9CC8



BB7EAE



BC865B



5CA075

Rectangle

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



2E9CC8



8B8CCA



BC865B



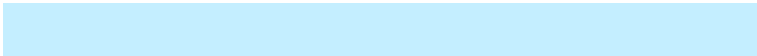
8D9758

Sweetspot

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



2E9CC8



C4EEFF



2EC85A



5C7580



000000



808080

Same Dimension

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



2E9CC8



14BCFF



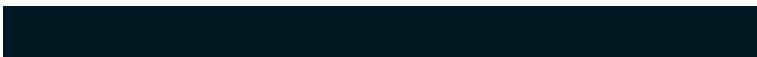
2E4FC8



5A6163



0075A3



001A24

Inverse Universe

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



C82E9C



FF14BC



C8A72E



635A61



A30075



24001A

Previews

White Background



This preview shows how the Hex color 2E9CC8 looks on a white background.

Color Contrast Check

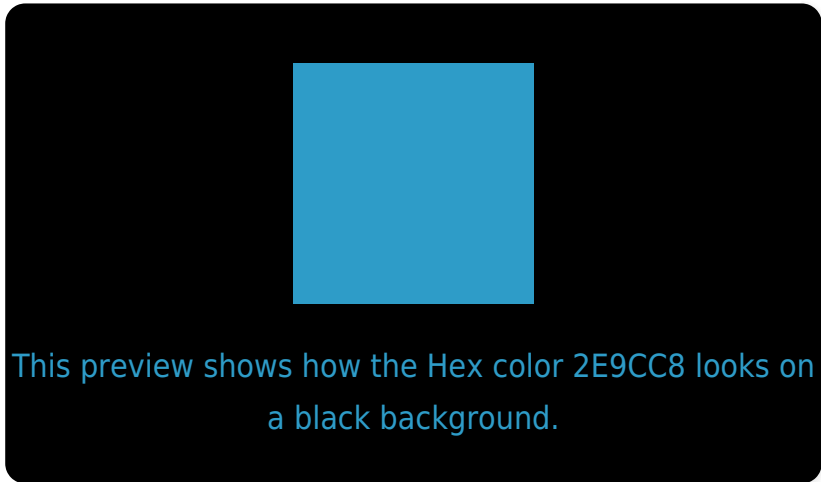
Large Text (above 18pt) WCAG AA ✓ Pass

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

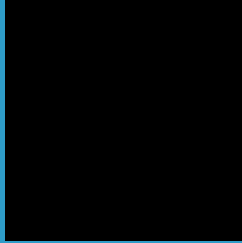
Any Text WCAG AA ✓ Pass

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 2E9CC8 Background



This preview shows how black text looks on a background with the Hex color 2E9CC8.



This preview shows how white text looks on a background with the Hex color 2E9CC8.

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](#).

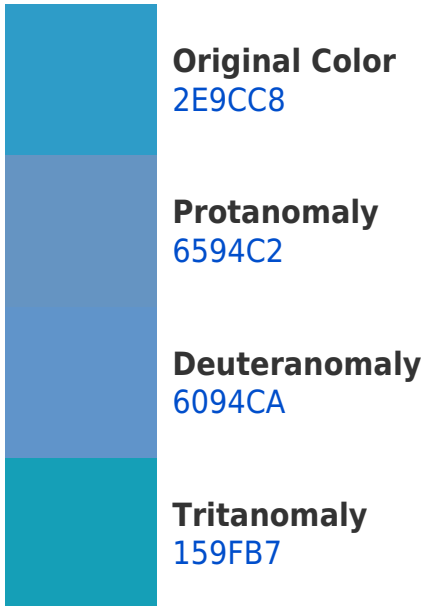
Dichromacy



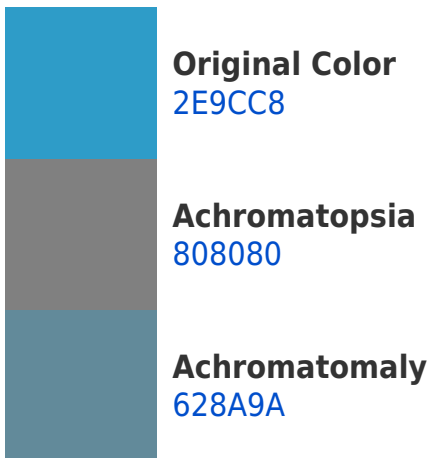


Tritanopia
07A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E9CC8 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 #2E9CC8 looks like.

```
.text, #text, p{  
    color:#2E9CC8  
}
```

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 #2E9CC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E9CC8  
}
```

Border

The CSS property to change the border of an element to Hex 2E9CC8 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  
#2E9CC8 }
```

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

```
.border{ border-color:#2E9CC8 }
```

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

Here you see how a box with a 4 pixel #2E9CC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E9CC8; -webkit-box-shadow:4px 4px  
4px 4px #2E9CC8; box-shadow:4px 4px 4px  
4px #2E9CC8 }
```

Background

The CSS property to change the background color of an element to Hex 2E9CC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E9CC8 }
```

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

```
.background{ background-color:#2E9CC8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor