

Converting Colors

Hex(2E9BCC)

Have a look what the booklet for
Hex(2E9BCC) contains.

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Color

Hex(2E9BCC)

Conversions

Conversions Part 1

Format	Color
Hex	2E9BCC
RGB	46, 155, 204
RGB Percent	18%, 61%, 80%
CMY	0.8196, 0.3922, 0.2000
CMYK	0.77, 0.24, 0.00, 0.20
HSL	199°, 63%, 49%
HSV	199°, 77%, 80%
XYZ	23.7471, 28.3832, 61.3536
YIQ	127.9950, -80.6930, -7.8690

Conversions

Conversions Part 2

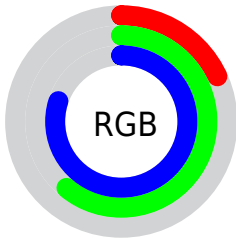
Format	Color
R_{YB}	46, 111, 204
Decimal	3054540
CIE _{Lab}	60.23, -13.68, -33.76
CIE _{LCh}	60, 36.421, 247.944
Yxy	28.3832, 0.2093, 0.2501
Android (android.graphics.Color)	4281244620 (0xFF2E9BCC)
YUV	127.9950, 37.4705, -71.9096
Hunter-Lab	53.2759, -13.6683, -30.9866

Details

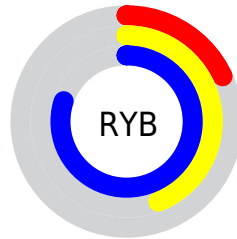
The Hex color **2E9BCC** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **CC5F2E**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **73D1FF**, and **006896** is the 20% darker color. If you saturate the color by 10%, you get **1A95CC**, and if you desaturate by 10%, it is **42A1CC**.

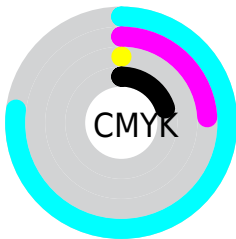
Distribution



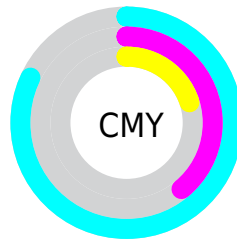
- Red (18%)
- Green (61%)
- Blue (80%)



- Red (18%)
- Yellow (44%)
- Blue (80%)



- Cyan (77%)
- Magenta (24%)
- Yellow (0%)
- Black (20%)



- Cyan (82%)
- Magenta (39%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E9BCC 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 2E9BCC by changing the saturation by 10% instead.

■ 2E9BCC

■ 2E9BCC

FFFFFF

■ 0081B0

■ 73D1FF

■ 006896

■ 92EEFF

■ 00507C

■ B0FFFF

■ 003962

■ CEFFFF

■ 00244A

■ EDFFFF

■ 000634

■ 00021E

■ 000000

■ 2E9BCC

■ 2E9BCC

■ 1A95CC

■ 42A1CC

■ 058ECC

■ 57A8CC

■ 008DCC

■ 6BAECC

■ 80B4CC

■ 94BBCC

■ A8C1CC

■ BDC7CC

■ D1CECC

■ E6D4CC

Harmonies

Analogous

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



00A1B8



2E9BCC



6F92D0

Triad

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



2E9BCC



CF788A



7B9B5D

Complementary

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



2E9BCC



CC5F2E

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.



9D9250



2E9BCC



CB7D6B

Square

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



2E9BCC



C07BAA



BA8756



52A078

Rectangle

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



2E9BCC



918ACA



BA8756



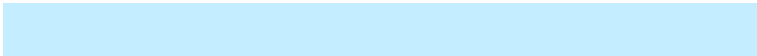
879857

Sweetspot

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



2E9BCC



C4EDFF



2ECC5D



5C7480



000000



808080

Same Dimension

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



2E9BCC



12B5FF



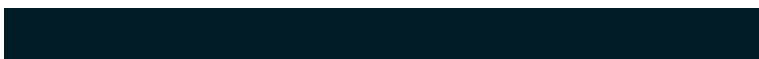
2E4ECC



5C6366



0072A6



001A26

Inverse Universe

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



CC2E9B



FF12B5



CCAC2E



665C63



A60072



26001A

Previews

White Background



This preview shows how the Hex color 2E9BCC looks on a white background.

Color Contrast Check

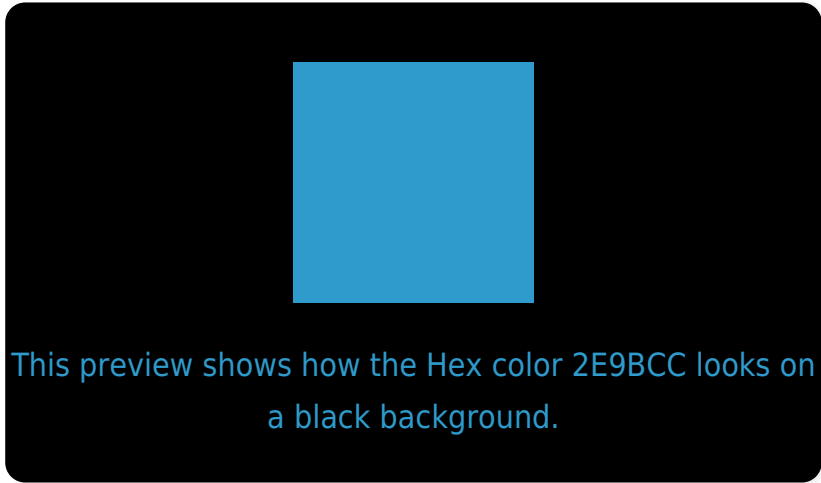
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E9BCC Background



This preview shows how black text looks on a background with the Hex color 2E9BCC.



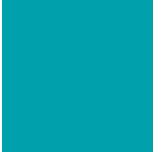
This preview shows how white text looks on a background with the Hex color 2E9BCC.

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](#).

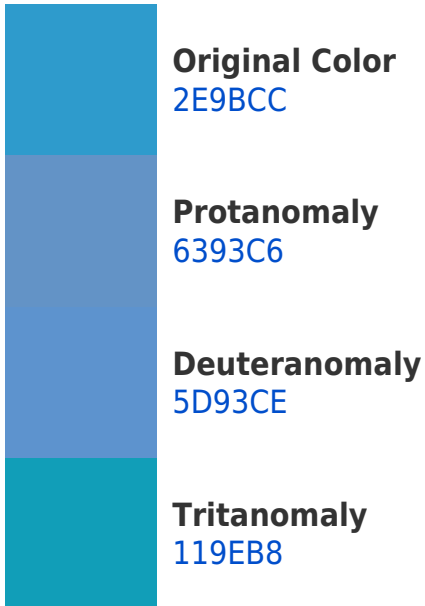
Dichromacy





Tritanopia
00A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E9BCC 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 #2E9BCC looks like.

```
.text, #text, p{  
    color:#2E9BCC  
}
```

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 #2E9BCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E9BCC  
}
```

Border

The CSS property to change the border of an element to Hex 2E9BCC 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  
#2E9BCC }
```

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

```
.border{ border-color:#2E9BCC }
```

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

Here you see how a box with a 4 pixel #2E9BCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E9BCC; -webkit-box-shadow:4px 4px  
4px 4px #2E9BCC; box-shadow:4px 4px 4px  
4px #2E9BCC }
```

Background

The CSS property to change the background color of an element to Hex 2E9BCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E9BCC }
```

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

```
.background{ background-color:#2E9BCC }
```

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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