

Converting Colors

Hex(2B95CA)

Have a look what the booklet for
Hex(2B95CA) contains.

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Color

Hex(2B95CA)

Conversions

Conversions Part 1

Format	Color
Hex	2B95CA
RGB	43, 149, 202
RGB Percent	17%, 58%, 79%
CMY	0.8314, 0.4157, 0.2078
CMYK	0.79, 0.26, 0.00, 0.21
HSL	200°, 65%, 48%
HSV	200°, 79%, 79%
XYZ	22.4044, 26.2728, 59.7674
YIQ	123.3480, -80.1890, -5.9890

Conversions

Conversions Part 2

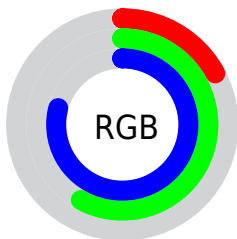
Format	Color
R_{YB}	43, 107, 202
Decimal	2856394
CIE _{Lab}	58.30, -11.37, -35.66
CIE _{LCh}	58, 37.431, 252.312
Yxy	26.2728, 0.2066, 0.2423
Android (android.graphics.Color)	4281046474 (0xFF2B95CA)
YUV	123.3480, 38.7754, -70.4652
Hunter-Lab	51.2570, -11.6774, -33.2544

Details

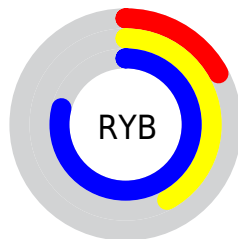
The Hex color **2B95CA** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **CA602B**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **71CBFF**, and **006294** is the 20% darker color. If you saturate the color by 10%, you get **178ECA**, and if you desaturate by 10%, it is **3F9CCA**.

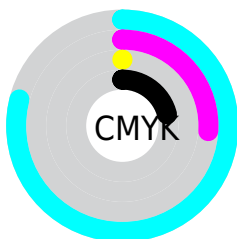
Distribution



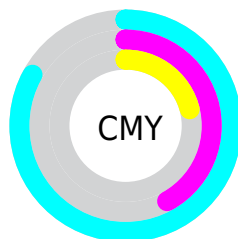
- Red (17%)
- Green (58%)
- Blue (79%)



- Red (17%)
- Yellow (42%)
- Blue (79%)



- Cyan (79%)
- Magenta (26%)
- Yellow (0%)
- Black (21%)



- Cyan (83%)
- Magenta (42%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B95CA 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 2B95CA by changing the saturation by 10% instead.

 2B95CA

 2B95CA

FFFFFF

 007BAE

 71CBFF

 006294

 8FE7FF

 004B7A

 AEFFFF

 003461

 CCFFFF

 002048

 EAFFFF

 000432

 00011C

 000000

 2B95CA

 2B95CA

■ 178ECA

■ 3F9CCA

■ 0388CA

■ 53A2CA

■ 0087CA

■ 68A9CA

■ 7CB0CA

■ 90B7CA

■ A4BDCA

■ B8C4CA

■ CDCBCA

■ E1D2CA

Harmonies

Analogous

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



009BB7



2B95CA



718BCC

Triad

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



2B95CA



CB7280



6F975A

Complementary

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



2B95CA



CA602B

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.



948F4B



2B95CA



C57862

Square

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



2B95CA



BF74A1



B1834E



439C77

Rectangle

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



2B95CA



9383C4



B1834E



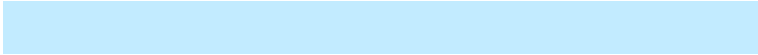
7C9553

Sweetspot

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



2B95CA



C2EBFF



2BCA60



5B7380



000000



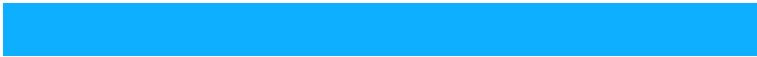
808080

Same Dimension

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



2B95CA



0FAFFF



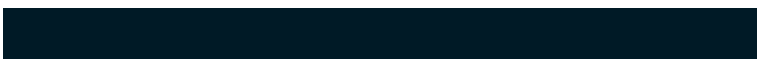
2B48CA



5C6366



006FA6



001A26

Inverse Universe

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



CA2B95



FF0FAF



CAB02B



665C63



A6006E



260019

Previews

White Background



This preview shows how the Hex color 2B95CA looks on a white background.

Color Contrast Check

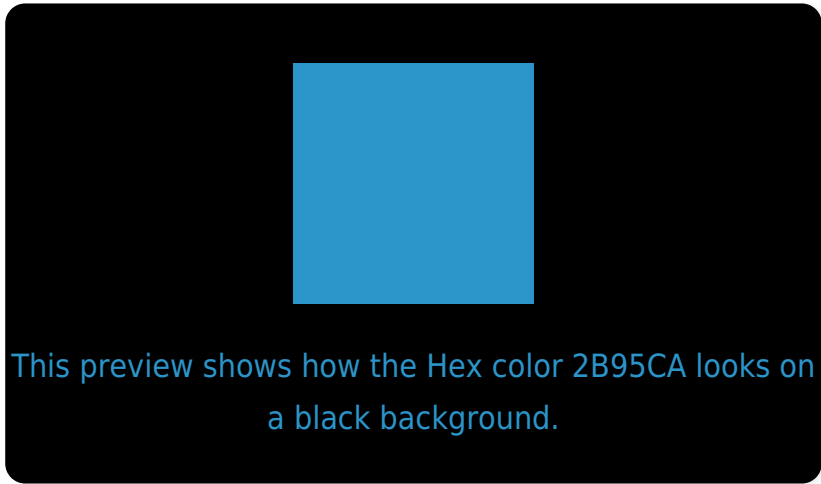
Large Text (above 18pt) WCAG AA ✓ Pass

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

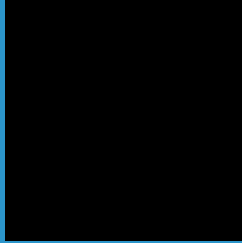
Any Text WCAG AA ✓ Pass

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 2B95CA Background



This preview shows how black text looks on a background with the Hex color 2B95CA.

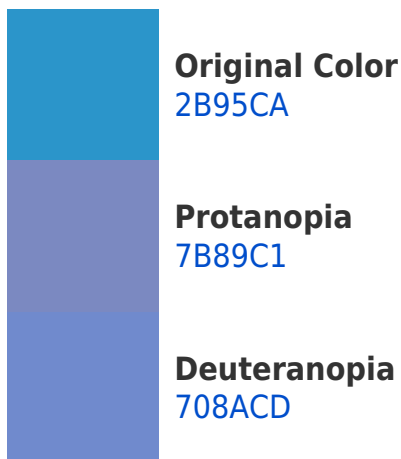


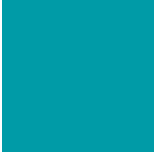
This preview shows how white text looks on a background with the Hex color 2B95CA.

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](#).

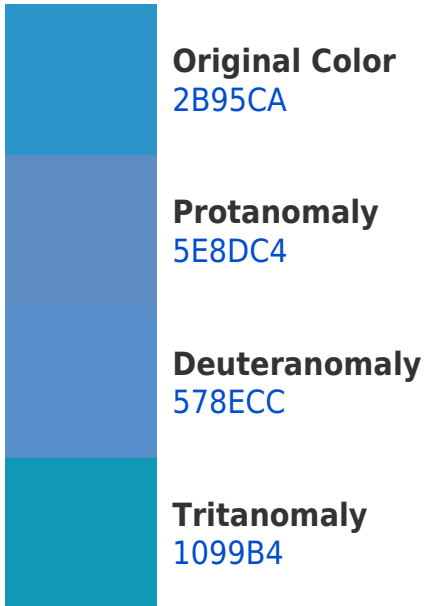
Dichromacy





Tritanopia
009BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B95CA 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 #2B95CA looks like.

```
.text, #text, p{  
    color:#2B95CA  
}
```

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 #2B95CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B95CA
}
```

Border

The CSS property to change the border of an element to Hex 2B95CA 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
#2B95CA }
```

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

```
.border{ border-color:#2B95CA }
```

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

Here you see how a box with a 4 pixel #2B95CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B95CA; -webkit-box-shadow:4px 4px  
4px 4px #2B95CA; box-shadow:4px 4px 4px  
4px #2B95CA }
```

Background

The CSS property to change the background color of an element to Hex 2B95CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B95CA }
```

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

```
.background{ background-color:#2B95CA }
```

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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