

Converting Colors

Hex(2A89CB)

Have a look what the booklet for
Hex(2A89CB) contains.

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Color

Hex(2A89CB)

Conversions

Conversions Part 1

Format	Color
Hex	2A89CB
RGB	42, 137, 203
RGB Percent	16%, 54%, 80%
CMY	0.8353, 0.4627, 0.2039
CMYK	0.79, 0.33, 0.00, 0.20
HSL	205°, 66%, 48%
HSV	205°, 79%, 80%
XYZ	20.6800, 22.6954, 59.7906
YIQ	116.1190, -77.8060, 0.3860

Conversions

Conversions Part 2

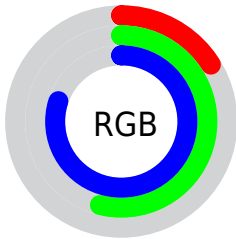
Format	Color
R _Y B	42, 102, 203
Decimal	2787787
CIE Lab	54.76, -4.26, -41.78
CIE LCh	55, 41.999, 264.179
Yxy	22.6954, 0.2005, 0.2200
Android (android.graphics.Color)	4280977867 (0xFF2A89CB)
YUV	116.1190, 42.8323, -65.0024
Hunter-Lab	47.6396, -5.8839, -41.0647

Details

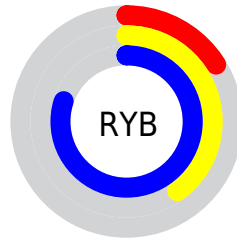
The Hex color **2A89CB** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **CB6C2A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **70BEFF**, and **005894** is the 20% darker color. If you saturate the color by 10%, you get **1681CB**, and if you desaturate by 10%, it is **3E91CB**.

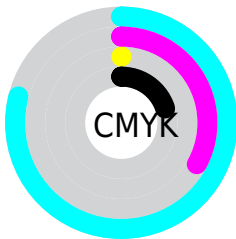
Distribution



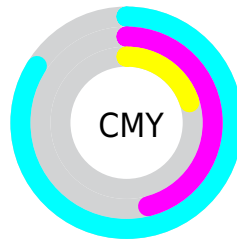
- Red (16%)
- Green (54%)
- Blue (80%)



- Red (16%)
- Yellow (40%)
- Blue (80%)



- Cyan (79%)
- Magenta (33%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (46%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A89CB 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 2A89CB by changing the saturation by 10% instead.

 2A89CB

 2A89CB

FFFFFF

 0070AF

 70BEFF

 005894

 8FDAFF

 00417A

 ADF6FF

 002B61

 CBFFFF

 001749

 E9FFFF

 000432

 00011C

 000000

 2A89CB

 2A89CB

■ 1681CB

■ 3E91CB

■ 0178CB

■ 539ACB

■ 0078CB

■ 67A2CB

■ 7BAACB

■ 90B3CB

■ A4BBCB

■ B8C3CB

■ CCCCCB

■ E1D4CB

Harmonies

Analogous

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



0091BD



2A89CB



7A7CC5

Triad

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



2A89CB



C76667



4F9157

Complementary

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



2A89CB



CB6C2A

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.



7B8A3E



2A89CB



B97149

Square

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



2A89CB



C2658C



9F7F39



00957A

Rectangle

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



2A89CB



9C73B7



9F7F39



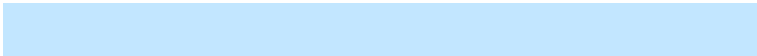
5F8F4D

Sweetspot

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



2A89CB



C2E6FF



2ACB6A



5B7080



000000



808080

Same Dimension

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



2A89CB



0D9CFF



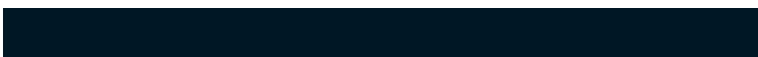
2A3ACB



5C6266



0062A6



001726

Inverse Universe

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



CB2A89



FF0D9C



CBBB2A



665C62



A60062



260017

Previews

White Background



This preview shows how the Hex color 2A89CB looks on a white background.

Color Contrast Check

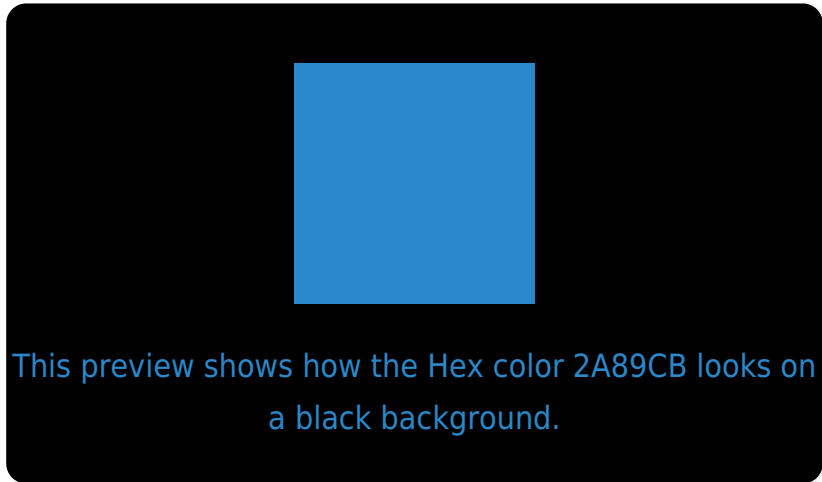
Large Text (above 18pt) WCAG AA ✓ Pass

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

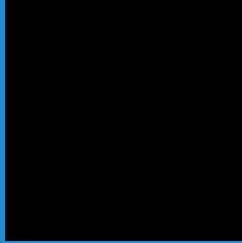
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

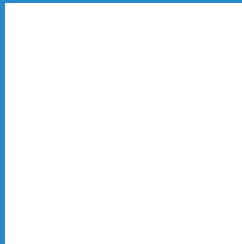
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2A89CB Background



This preview shows how black text looks on a background with the Hex color 2A89CB.

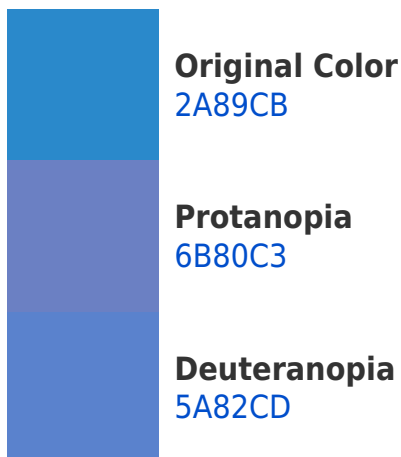


This preview shows how white text looks on a background with the Hex color 2A89CB.

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](#).

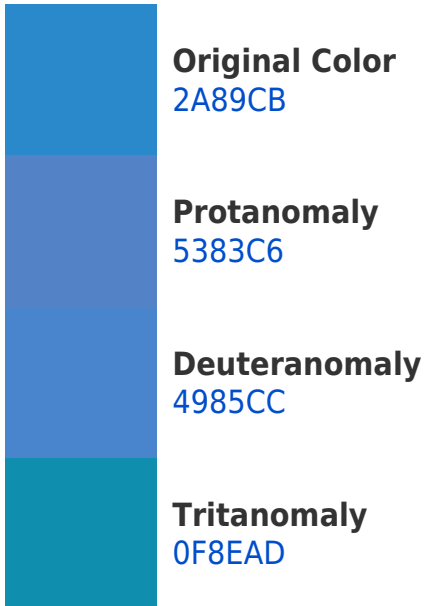
Dichromacy



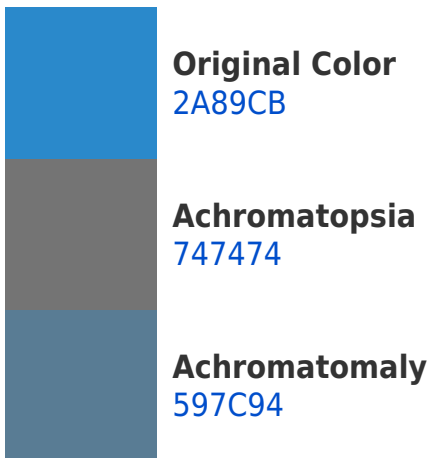


Tritanopia
00919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A89CB 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 #2A89CB looks like.

```
.text, #text, p{  
    color:#2A89CB  
}
```

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 #2A89CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A89CB
}
```

Border

The CSS property to change the border of an element to Hex 2A89CB 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
#2A89CB }
```

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

```
.border{ border-color:#2A89CB }
```

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

Here you see how a box with a 4 pixel #2A89CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A89CB; -webkit-box-shadow:4px 4px  
4px 4px #2A89CB; box-shadow:4px 4px 4px  
4px #2A89CB }
```

Background

The CSS property to change the background color of an element to Hex 2A89CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A89CB }
```

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

```
.background{ background-color:#2A89CB }
```

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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