

Converting Colors

Hex(2A89B5)

Have a look what the booklet for
Hex(2A89B5) contains.

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Color

Hex(2A89B5)

Conversions

Conversions Part 1

Format	Color
Hex	2A89B5
RGB	42, 137, 181
RGB Percent	16%, 54%, 71%
CMY	0.8353, 0.4627, 0.2902
CMYK	0.77, 0.24, 0.00, 0.29
HSL	199°, 62%, 44%
HSV	199°, 77%, 71%
XYZ	18.2410, 21.7198, 46.9470
YIQ	113.6110, -70.7440, -6.4560

Conversions

Conversions Part 2

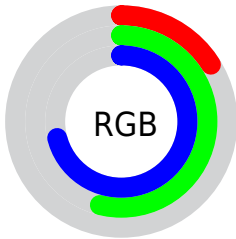
Format	Color
R_{YB}	42, 98, 181
Decimal	2787765
CIE _{Lab}	53.73, -12.15, -30.87
CIE _{LCh}	54, 33.175, 248.524
Yxy	21.7198, 0.2099, 0.2499
Android (android.graphics.Color)	4280977845 (0xFF2A89B5)
YUV	113.6110, 33.2228, -62.8028
Hunter-Lab	46.6045, -11.6929, -27.1026

Details

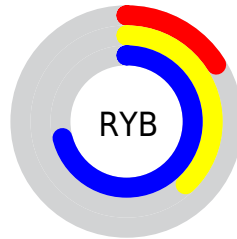
The Hex color **2A89B5** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B5562A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6CBEED**, and **005780** is the 20% darker color. If you saturate the color by 10%, you get **1883B5**, and if you desaturate by 10%, it is **3C8FB5**.

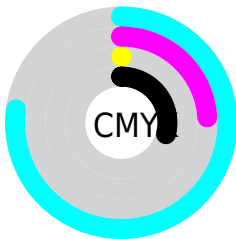
Distribution



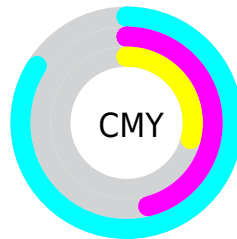
- Red (16%)
- Green (54%)
- Blue (71%)



- Red (16%)
- Yellow (38%)
- Blue (71%)



- Cyan (77%)
- Magenta (24%)
- Yellow (0%)
- Black (29%)



- Cyan (84%)
- Magenta (46%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A89B5 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 2A89B5 by changing the saturation by 10% instead.

■ 2A89B5

■ 2A89B5

FFFFFF

■ 00709A

■ 6CBEEED

■ 005780

■ 8ADAFF

■ 004067

■ A7F7FF

■ 002A4E

■ C5FFFF

■ 001737

■ E2FFFF

■ 000221

■ 000007

■ 000000

■ 2A89B5

■ 2A89B5

■ 1883B5

■ 3C8FB5

■ 067EB5

■ 4E94B5

■ 007CB5

■ 609AB5

■ 72A0B5

■ 85A6B5

■ 97ABB5

■ A9B1B5

■ BBB7B5

■ CDBDB5

Harmonies

Analogous

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



008EA3



2A89B5



6380B9

Triad

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



2A89B5



B76A79



6C8953

Complementary

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



2A89B5



B5562A

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.



8B8147



2A89B5



B46E5E

Square

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



2A89B5



AB6D96



A4784B



478E6B

Rectangle

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



2A89B5



8179B3



A4784B



77874D

Sweetspot

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



2A89B5



B5DAEB



2AB554



546B75



F5F5F5



757575

Same Dimension

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



2A89B5



13A6EB



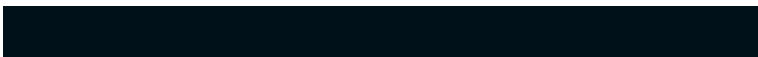
2A46B5



505659



006999



00111A

Inverse Universe

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



B52A89



EB13A6



B5992A



595056



990069



1A0011

Previews

White Background



This preview shows how the Hex color 2A89B5 looks on a white background.

Color Contrast Check

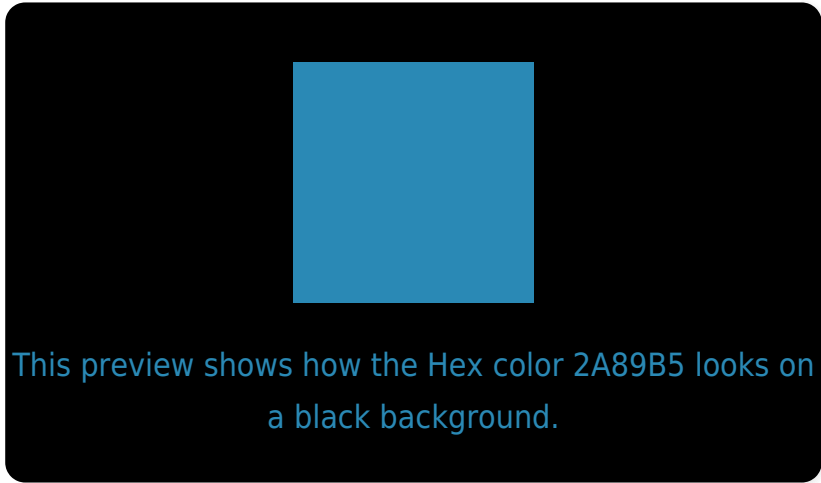
Large Text (above 18pt) WCAG AA ✓ Pass

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

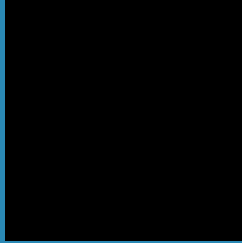
Any Text WCAG AA ✓ Pass

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 2A89B5 Background



This preview shows how black text looks on a background with the Hex color 2A89B5.

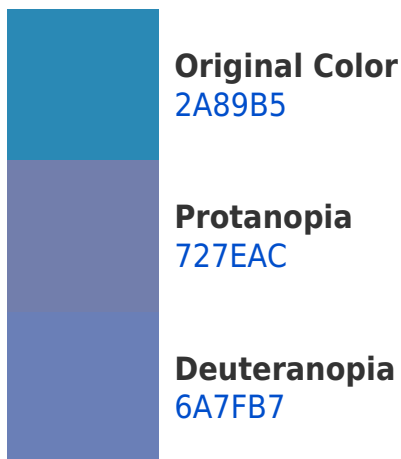


This preview shows how white text looks on a background with the Hex color 2A89B5.

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



Trichromacy

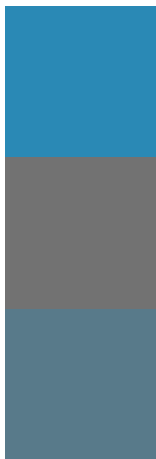


Original Color
2A89B5

Protanomaly
5882AF

Deuteranomaly
5383B6

Monochromacy



Original Color
2A89B5

Achromatopsia
727272

Achromatomaly
587A8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A89B5 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 #2A89B5 looks like.

```
.text, #text, p{  
    color:#2A89B5  
}
```

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 #2A89B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A89B5
}
```

Border

The CSS property to change the border of an element to Hex 2A89B5 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
#2A89B5 }
```

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

```
.border{ border-color:#2A89B5 }
```

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

Here you see how a box with a 4 pixel #2A89B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A89B5; -webkit-box-shadow:4px 4px  
4px 4px #2A89B5; box-shadow:4px 4px 4px  
4px #2A89B5 }
```

Background

The CSS property to change the background color of an element to Hex 2A89B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A89B5 }
```

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

```
.background{ background-color:#2A89B5 }
```

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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