

Converting Colors

Hex(2AACE2)

Have a look what the booklet for
Hex(2AACE2) contains.

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Color

Hex(2AACE2)

Conversions

Conversions Part 1

Format	Color
Hex	2AACE2
RGB	42, 172, 226
RGB Percent	16%, 67%, 89%
CMY	0.8353, 0.3255, 0.1137
CMYK	0.81, 0.24, 0.00, 0.11
HSL	198°, 76%, 53%
HSV	198°, 81%, 89%
XYZ	29.4348, 35.4883, 77.2500
YIQ	139.2860, -94.8140, -10.7660

Conversions

Conversions Part 2

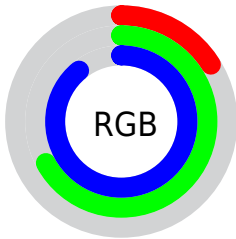
Format	Color
R_{YB}	42, 118, 226
Decimal	2796770
CIE _{Lab}	66.13, -15.71, -36.78
CIE _{LCh}	66, 39.997, 246.865
Yxy	35.4883, 0.2070, 0.2496
Android (android.graphics.Color)	4280986850 (0xFF2AACE2)
YUV	139.2860, 42.7500, -85.3198
Hunter-Lab	59.5720, -16.0533, -35.1839

Details

The Hex color **2AACE2** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **E2602A**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **76E3FF**, and **0078AA** is the 20% darker color. If you saturate the color by 10%, you get **13A5E2**, and if you desaturate by 10%, it is **41B3E2**.

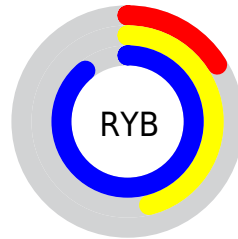
Distribution



Red (16%)

Green (67%)

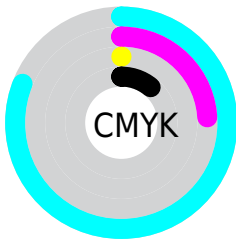
Blue (89%)



Red (16%)

Yellow (46%)

Blue (89%)

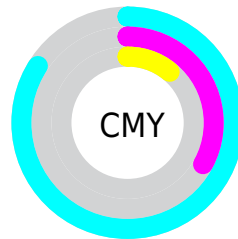


Cyan (81%)

Magenta (24%)

Yellow (0%)

Black (11%)



Cyan (84%)

Magenta (33%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AACE2 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 2AACE2 by changing the saturation by 10% instead.

■ 2AACE2

■ 2AACE2

FFFFFF

■ 0091C6

■ 76E3FF

■ 0078AA

■ 96FFFF

■ 005F90

■ B5FFFF

■ 004776

■ D4FFFF

■ 00315D

■ F3FFFF

■ 001D45

■ 00042E

■ 000119

■ 000000

■ 2AACE2

■ 2AACE2

■ 13A5E2

■ 41B3E2

■ 00A0E2

■ 57B9E2

■ 6EC0E2

■ 84C7E2

■ 9BCDE2

■ B2D4E2

■ C8DAE2

■ DFE1E2

■ F5E8E2

Harmonies

Analogous

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



00B2CB



2AACE2



78A2E8

Triad

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



2AACE2



E5849A



89AB66

Complementary

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



2AACE2



E2602A

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.



B0A158



2AACE2



E28977

Square

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



2AACE2



D488BE



CF955F



5BB183

Rectangle

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



2AACE2



9F99E1



CF955F



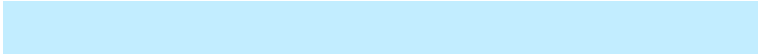
97A85F

Sweetspot

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



2AACE2



C2EDFF



2AE25E



5B7580



000000



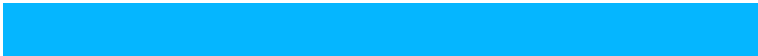
808080

Same Dimension

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



2AACE2



05B6FF



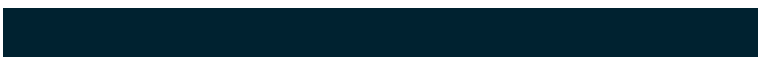
2A52E2



656D70



007CB0



002230

Inverse Universe

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



E22AAC



FF05B6



E2BA2A



70656D



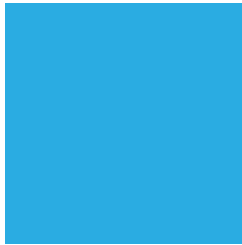
B0007C



300022

Previews

White Background



This preview shows how the Hex color 2AACE2 looks on a white background.

Color Contrast Check

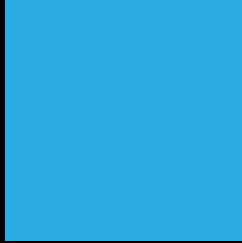
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2AACE2 looks on a 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 ✓ Pass

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

Hex 2AACE2 Background



This preview shows how black text looks on a background with the Hex color 2AACE2.

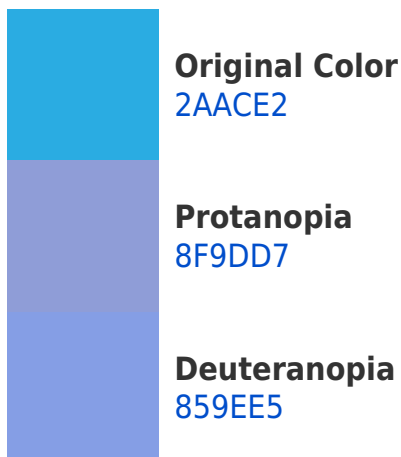


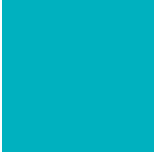
This preview shows how white text looks on a background with the Hex color 2AACE2.

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
00B1BF

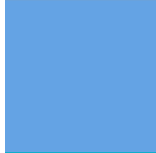
Trichromacy



Original Color
2AACE2



Protanomaly
6AA2DB



Deuteranomaly
64A3E4



Tritanomaly
0FAFCC

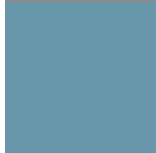
Monochromacy



Original Color
2AACE2



Achromatopsia
8B8B8B



Achromatomaly
6897AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AACE2 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 #2AACE2 looks like.

```
.text, #text, p{  
    color:#2AACE2  
}
```

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 #2AACE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AACE2
}
```

Border

The CSS property to change the border of an element to Hex 2AACE2 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
#2AACE2 }
```

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

```
.border{ border-color:#2AACE2 }
```

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

Here you see how a box with a 4 pixel #2AACE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AACE2; -webkit-box-shadow:4px 4px  
4px 4px #2AACE2; box-shadow:4px 4px 4px  
4px #2AACE2 }
```

Background

The CSS property to change the background color of an element to Hex 2AACE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AACE2 }
```

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

```
.background{ background-color:#2AACE2 }
```

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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