

Converting Colors

Hex(2AABE5)

Have a look what the booklet for
Hex(2AABE5) contains.

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Color

Hex(2AABE5)

Conversions

Conversions Part 1

Format	Color
Hex	2AABE5
RGB	42, 171, 229
RGB Percent	16%, 67%, 90%
CMY	0.8353, 0.3294, 0.1020
CMYK	0.82, 0.25, 0.00, 0.10
HSL	199°, 78%, 53%
HSV	199°, 82%, 90%
XYZ	29.6606, 35.2752, 79.3743
YIQ	139.0410, -95.5020, -9.3100

Conversions

Conversions Part 2

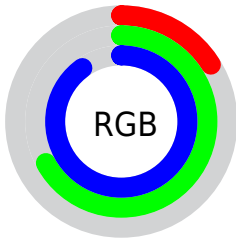
Format	Color
R _Y B	42, 118, 229
Decimal	2796517
CIE Lab	65.96, -14.14, -38.68
CIE LCh	66, 41.188, 249.919
Yxy	35.2752, 0.2055, 0.2444
Android (android.graphics.Color)	4280986597 (0xFF2AABE5)
YUV	139.0410, 44.3498, -85.1050
Hunter-Lab	59.3929, -14.7954, -37.6616

Details

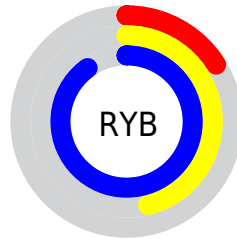
The Hex color **2AABE5** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **E5642A**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **76E2FF**, and **0077AD** is the 20% darker color. If you saturate the color by 10%, you get **13A4E5**, and if you desaturate by 10%, it is **41B2E5**.

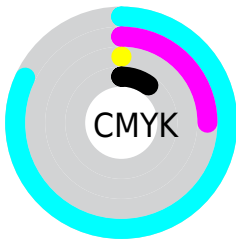
Distribution



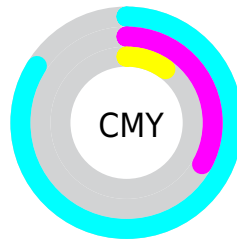
- Red (16%)
- Green (67%)
- Blue (90%)



- Red (16%)
- Yellow (46%)
- Blue (90%)



- Cyan (82%)
- Magenta (25%)
- Yellow (0%)
- Black (10%)



- Cyan (84%)
- Magenta (33%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AABE5 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 2AABE5 by changing the saturation by 10% instead.

■ 2AABE5

■ 2AABE5

FFFFFF

■ 0091C9

■ 76E2FF

■ 0077AD

■ 96FFFF

■ 005E92

■ B5FFFF

■ 004778

■ D4FFFF

■ 00305F

■ F3FFFF

■ 001D47

■ 000430

■ 00011B

■ 000000

■ 2AABE5

■ 2AABE5

■ 13A4E5

■ 41B2E5

■ 009EE5

■ 58B9E5

■ 6FC0E5

■ 86C7E5

■ 9DCF E5

■ B3D6E5

■ CADDE5

■ E1E4E5

■ F8EBE5

Harmonies

Analogous

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



00B2CF



2AABE5



7CA0E9

Triad

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



2AABE5



E78395



83AC66

Complementary

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



2AABE5



E5642A

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.



ACA256



2AABE5



E28973

Square

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



2AABE5



D886BB



CC955B



52B286

Rectangle

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



2AABE5



A397E0



CC955B



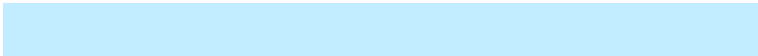
92A95E

Sweetspot

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



2AABE5



C2ECFF



2AE562



5B7480



000000



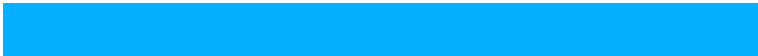
808080

Same Dimension

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



2AABE5



05B1FF



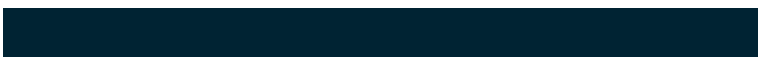
2A4FE5



676F73



007BB3



002333

Inverse Universe

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



E52AAB



FF05B1



E5C02A



73676F



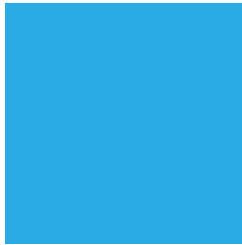
B3007B



330023

Previews

White Background



This preview shows how the Hex color 2AABE5 looks on a white background.

Color Contrast Check

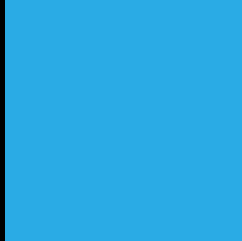
Large Text (above 18pt) WCAG AA × Fail

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 2AABE5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

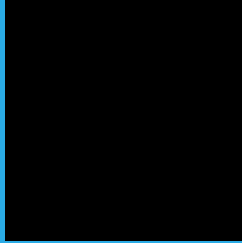
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

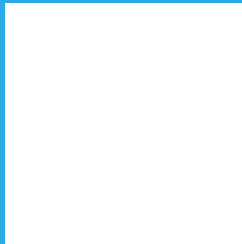
Any Text WCAG AAA ✓ Pass

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

Hex 2AABE5 Background



This preview shows how black text looks on a background with the Hex color 2AABE5.

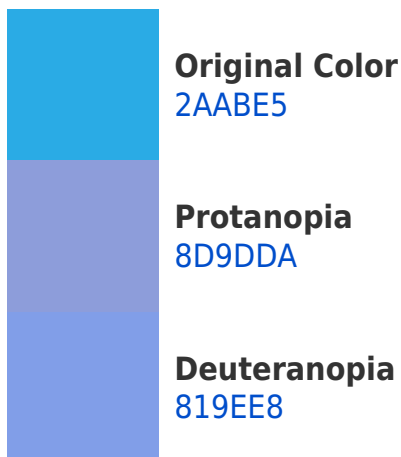


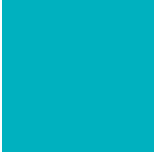
This preview shows how white text looks on a background with the Hex color 2AABE5.

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](#).

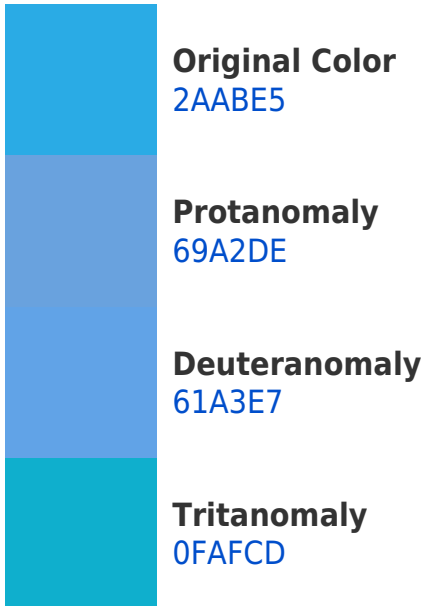
Dichromacy





Tritanopia
00B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2AABE5 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 #2AABE5 looks like.

```
.text, #text, p{  
    color:#2AABE5  
}
```

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 #2AABE5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AABE5  
}
```

Border

The CSS property to change the border of an element to Hex 2AABE5 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  
#2AABE5 }
```

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

```
.border{ border-color:#2AABE5 }
```

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

Here you see how a box with a 4 pixel #2AABE5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AABE5; -webkit-box-shadow:4px 4px  
4px 4px #2AABE5; box-shadow:4px 4px 4px  
4px #2AABE5 }
```

Background

The CSS property to change the background color of an element to Hex 2AABE5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AABE5 }
```

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

```
.background{ background-color:#2AABE5 }
```

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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