

Converting Colors

Hex(2AAFB2)

Have a look what the booklet for
Hex(2AAFB2) contains.

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Color

Hex(2AAFB2)

Conversions

Conversions Part 1

Format	Color
Hex	2AAFB2
RGB	42, 175, 178
RGB Percent	16%, 69%, 70%
CMY	0.8353, 0.3137, 0.3020
CMYK	0.76, 0.02, 0.00, 0.30
HSL	181°, 62%, 43%
HSV	181°, 76%, 70%
XYZ	24.3207, 34.3665, 47.4711
YIQ	135.5750, -80.2310, -27.2630

Conversions

Conversions Part 2

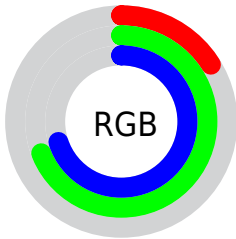
Format	Color
R_{YB}	42, 109, 178
Decimal	2797490
CIE _{Lab}	65.25, -32.80, -11.56
CIE _{LCh}	65, 34.774, 199.422
Yxy	34.3665, 0.2291, 0.3237
Android (android.graphics.Color)	4280987570 (0xFF2Aafb2)
YUV	135.5750, 20.9155, -82.0653
Hunter-Lab	58.6230, -28.5366, -6.9751




Details

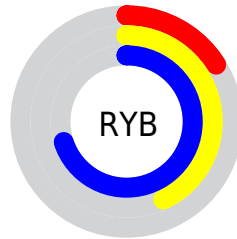
The Hex color **2Aafb2** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B22D2A**, and the grayscale version is **878787**.




A 20% lighter version of the original color is **70E7EA**, and **007A7D** is the 20% darker color. If you saturate the color by 10%, you get **18AFB2**, and if you desaturate by 10%, it is **3CAFB2**.

Distribution







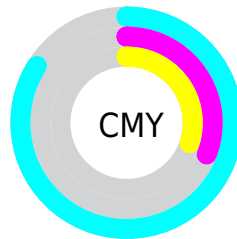
-  Red (16%)
-  Green (69%)
-  Blue (70%)






-  Red (16%)
-  Yellow (43%)
-  Blue (70%)



-  Cyan (76%)
-  Magenta (2%)
-  Yellow (0%)
-  Black (30%)



-  Cyan (84%)
-  Magenta (31%)
-  Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AAFB2 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 2AAFB2 by changing the saturation by 10% instead.

 2AAFB2

 2AAFB2

FFFFFF

 009497

 70E7EA

 007A7D

 8EFFFF

 006164

 ACFFFF

 00484D

 CAFFFF

 003136

 E8FFFF

 001C21

 000008

 000000

 2AAFB2

 2AAFB2

■ 18AFB2

■ 3CAFB2

■ 06AEB2

■ 4EB0B2

■ 00AEB2

■ 5FB0B2

■ 71B1B2

■ 83B1B2

■ 95B1B2

■ A7B2B2

■ B8B2B2

■ CAB3B2

Harmonies

Analogous

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



53AE92



2Aafb2



2CACCD

Triad

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



2AAF82



BB8FC7



BD9961

Complementary

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



2AAF82



B22D2A

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.



D38E70



2AAF82



D487AB

Square

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



2AAF82



929AD9



DC878B



9FA363

Rectangle

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



2AAF2



4DA8D8



DC878B



C59565

Sweetspot

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



2AAF^B2



B3E7E8



2AB22C



547575



F5F5F5



757575

Same Dimension

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



2AAF2



13E3E8



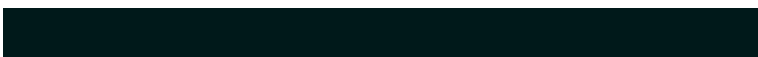
2A6CB2



505959



009699



00191A

Inverse Universe

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



B22AAF



E813E3



B2702A



595059



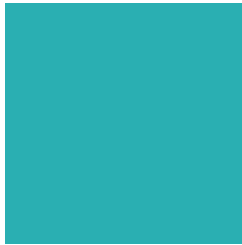
990096



1A0019

Previews

White Background



This preview shows how the Hex color 2Aafb2 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 2AAFB2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

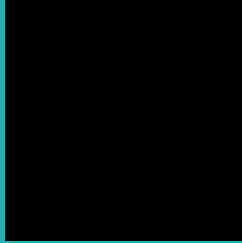
Any Text WCAG AA ✓ Pass

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 2AAFB2 Background



This preview shows how black text looks on a background with the Hex color 2AAFB2.

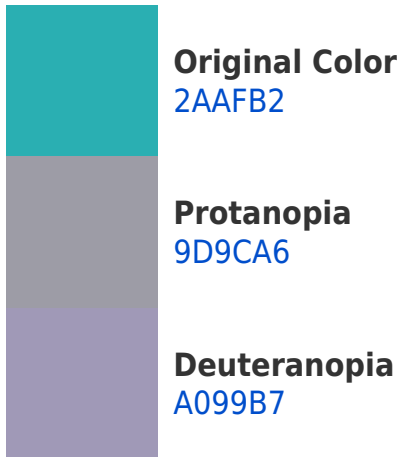


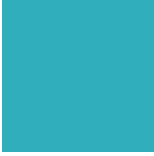
This preview shows how white text looks on a background with the Hex color 2AAFB2.

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
31AEB3

Trichromacy



Original Color
2AAFB2



Protanomaly
73A3AA



Deuteranomaly
75A1B5



Tritanomaly
2EAEB8

Monochromacy



Original Color
2AAFB2



Achromatopsia
888888



Achromatomaly
669697

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AAFB2 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 #2AAFB2 looks like.

```
.text, #text, p{  
    color:#2AAFB2  
}
```

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 #2AAFB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AAFB2
}
```

Border

The CSS property to change the border of an element to Hex 2AAFB2 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
#2AAFB2 }
```

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

```
.border{ border-color:#2AAFB2 }
```

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

Here you see how a box with a 4 pixel #2AAFB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AAFB2; -webkit-box-shadow:4px 4px  
4px 4px #2AAFB2; box-shadow:4px 4px 4px  
4px #2AAFB2 }
```

Background

The CSS property to change the background color of an element to Hex 2AAFB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AAFB2 }
```

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

```
.background{ background-color:#2AAFB2 }
```

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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