

Converting Colors

Hex(2BAFD9)

Have a look what the booklet for
Hex(2BAFD9) contains.

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Color

Hex(2BAFD9)

Conversions

Conversions Part 1

Format	Color
Hex	2BAFD9
RGB	43, 175, 217
RGB Percent	17%, 69%, 85%
CMY	0.8314, 0.3137, 0.1490
CMYK	0.80, 0.19, 0.00, 0.15
HSL	194°, 70%, 51%
HSV	194°, 80%, 85%
XYZ	28.8506, 36.1833, 71.1091
YIQ	140.3200, -92.1540, -14.9220

Conversions

Conversions Part 2

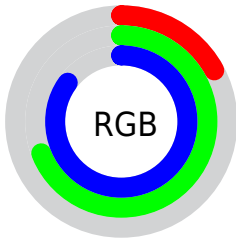
Format	Color
RYB	43, 118, 217
Decimal	2863065
CIELab	66.66, -20.26, -31.00
CIElCh	67, 37.039, 236.832
Yxy	36.1833, 0.2119, 0.2658
Android (android.graphics.Color)	4281053145 (0xFF2BAFD9)
YUV	140.3200, 37.8032, -85.3496
Hunter-Lab	60.1525, -19.6540, -27.9827

Details

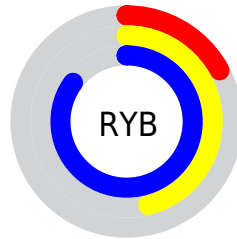
The Hex color **2BAFD9** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **D9552B**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **75E7FF**, and **007AA2** is the 20% darker color. If you saturate the color by 10%, you get **15AAD9**, and if you desaturate by 10%, it is **41B4D9**.

Distribution



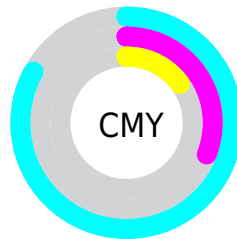
- Red (17%)
- Green (69%)
- Blue (85%)



- Red (17%)
- Yellow (46%)
- Blue (85%)



- Cyan (80%)
- Magenta (19%)
- Yellow (0%)
- Black (15%)



- Cyan (83%)
- Magenta (31%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BAFD9 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 2BAFD9 by changing the saturation by 10% instead.

 2BAFD9

 2BAFD9

FFFFFF

 0094BD

 75E7FF

 007AA2

 95FFFF

 006188

 B4FFFF

 00496E

 D2FFFF

 003356

 F1FFFF

 001F3E

 000328

 000112

 000000

■ 2BAFD9

■ 2BAFD9

■ 15AAD9

■ 41B4D9

■ 00A5D9

■ 56B9D9

■ 6CBFD9

■ 82C4D9

■ 97C9D9

■ ADCED9

■ C3D4D9

■ D9D9D9

■ EEDED9

Harmonies

Analogous

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



07B3BF



2BAFD9



6BA7E4

Triad

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



2BAFD9



DF88A7



99A965

Complementary

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



2BAFD9



D9552B

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.



BB9F5F



2BAFD9



E28A86

Square

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



2BAFD9



C98FC7



D5936B



72B07D

Rectangle

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



2BAFD9



909FE2



D5936B



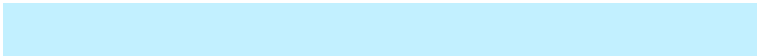
A5A661

Sweetspot

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



2BAFD9



C2F0FF



2BD954



5B7780



000000



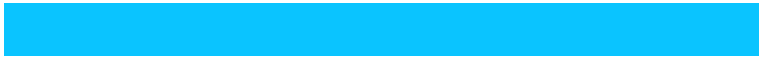
808080

Same Dimension

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



2BAFD9



0AC4FF



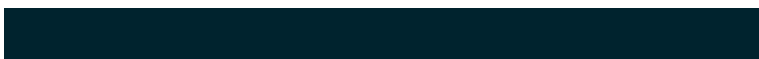
2B59D9



636B6E



0084AD



00232E

Inverse Universe

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



D92BAF



FF0AC4



D9AB2B



6E636B



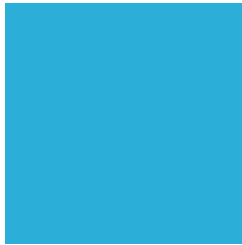
AD0084



2E0023

Previews

White Background



This preview shows how the Hex color 2BAFD9 looks on a white background.

Color Contrast Check

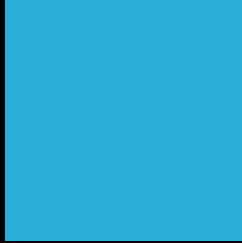
Large Text (above 18pt) WCAG AA × Fail

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 2BAFD9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

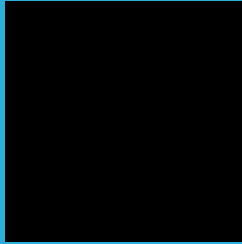
Any Text WCAG AA ✓ Pass

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 2BAFD9 Background



This preview shows how black text looks on a background with the Hex color 2BAFD9.

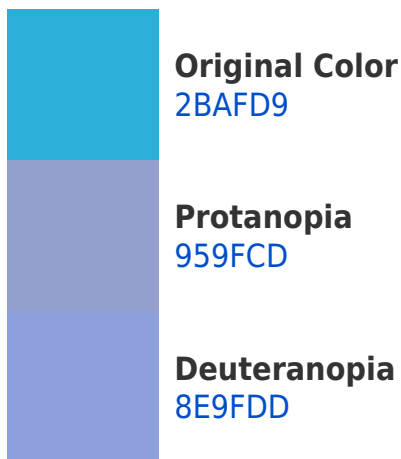


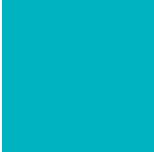
This preview shows how white text looks on a background with the Hex color 2BAFD9.

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
00B3C1

Trichromacy



Original Color
2BAFD9



Protanomaly
6EA5D1



Deuteranomaly
6AA5DC



Tritanomaly
10B2CA

Monochromacy



Original Color
2BAFD9



Achromatopsia
8C8C8C



Achromatomaly
6999A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BAFD9 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 #2BAFD9 looks like.

```
.text, #text, p{  
    color:#2BAFD9  
}
```

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 #2BAFD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BAFD9
}
```

Border

The CSS property to change the border of an element to Hex 2BAFD9 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
#2BAFD9 }
```

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

```
.border{ border-color:#2BAFD9 }
```

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

Here you see how a box with a 4 pixel #2BAFD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BAFD9; -webkit-box-shadow:4px 4px  
4px 4px #2BAFD9; box-shadow:4px 4px 4px  
4px #2BAFD9 }
```

Background

The CSS property to change the background color of an element to Hex 2BAFD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BAFD9 }
```

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

```
.background{ background-color:#2BAFD9 }
```

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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