

Converting Colors

Hex(2BACCE)

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

Hex(2BACCE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2BACCE)

Conversions

Conversions Part 1

Format	Color
Hex	2BACCE
RGB	43, 172, 206
RGB Percent	17%, 67%, 81%
CMY	0.8314, 0.3255, 0.1922
CMYK	0.79, 0.17, 0.00, 0.19
HSL	193°, 65%, 49%
HSV	193°, 79%, 81%
XYZ	26.8894, 34.4749, 63.6296
YIQ	137.3050, -87.7980, -16.7740

Conversions

Conversions Part 2

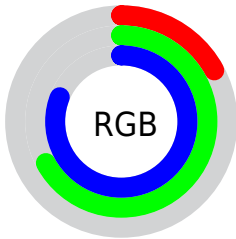
Format	Color
R_{YB}	43, 115, 206
Decimal	2862286
CIE _{Lab}	65.34, -22.36, -26.97
CIE _{LCh}	65, 35.035, 230.343
Yxy	34.4749, 0.2151, 0.2758
Android (android.graphics.Color)	4281052366 (0xFF2BACCE)
YUV	137.3050, 33.8666, -82.7055
Hunter-Lab	58.7153, -21.0056, -23.1517

Details

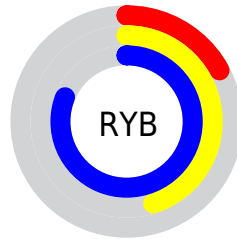
The Hex color **2BACCE** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **CE4D2B**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **73E4FF**, and **007798** is the 20% darker color. If you saturate the color by 10%, you get **16A8CE**, and if you desaturate by 10%, it is **40B0CE**.

Distribution



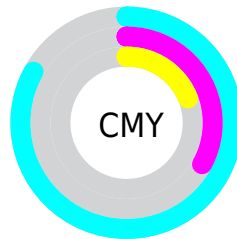
- Red (17%)
- Green (67%)
- Blue (81%)



- Red (17%)
- Yellow (45%)
- Blue (81%)



- Cyan (79%)
- Magenta (17%)
- Yellow (0%)
- Black (19%)



- Cyan (83%)
- Magenta (33%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 2BACCE

 2BACCE

FFFFFF

 0091B2

 73E4FF

 007798

 92FFFF

 005F7E

 B1FFFF

 004765

 CFFFFFF

 00304C

 EFFFFFF

 001D35

 000220

 000004

 000000

 2BACCE

 2BACCE

 16A8CE

 40B0CE

 02A3CE

 54B5CE

 00A3CE

 69B9CE

 7DBDCE

 92C1CE

 A7C6CE

 BBCACE

 D0CECE

 E4D3CE

Harmonies

Analogous

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



27AFB3



2BACCE



60A5DC

Triad

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



2BACCE



D587AA



9EA363

Complementary

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



2BACCE



CE4D2B

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.



BD9961



2BACCE



DC878A

Square

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



2BACCE



BC8FC7



D38F70



7AAB76

Rectangle

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



2BACCE



839EDC



D38F70



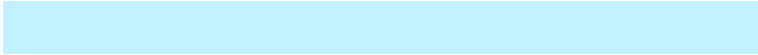
A9A060

Sweetspot

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



2BACCE



C2F2FF



2BCE4C



5B7880



000000



808080

Same Dimension

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



2BACCE



0DCCFF



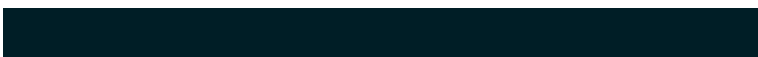
2B5CCE



5C6466



0083A6



001E26

Inverse Universe

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



CE2BAC



FF0DCC



CE9D2B



665C64



A60083



26001E

Previews

White Background



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

Color Contrast Check

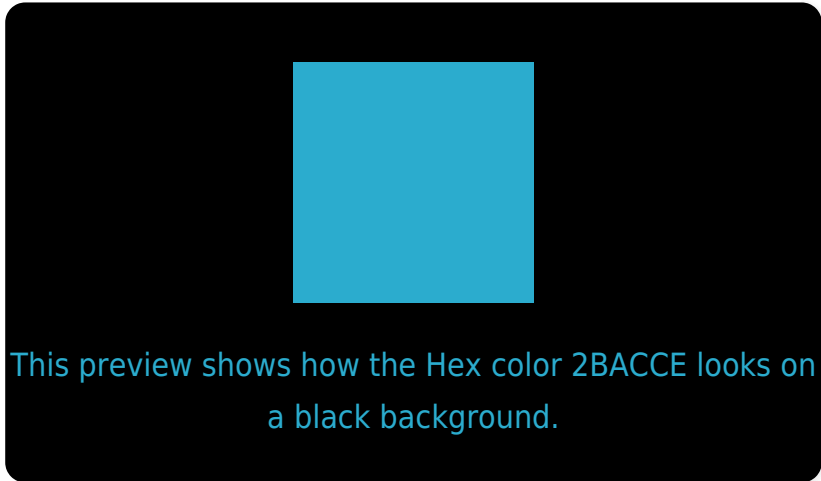
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

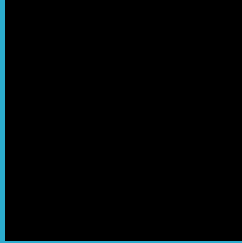
Any Text WCAG AA ✓ Pass

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 2BACCE Background



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

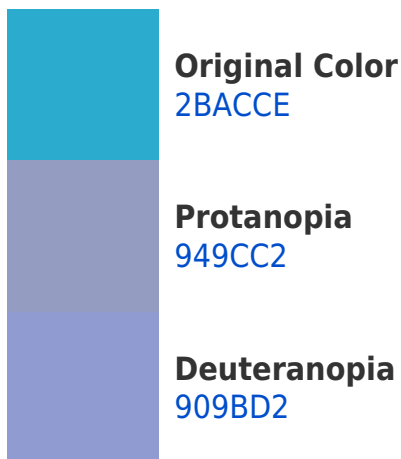


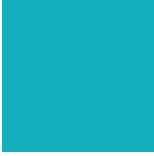
This preview shows how white text looks on a background with the Hex color 2BACCE.

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](#).

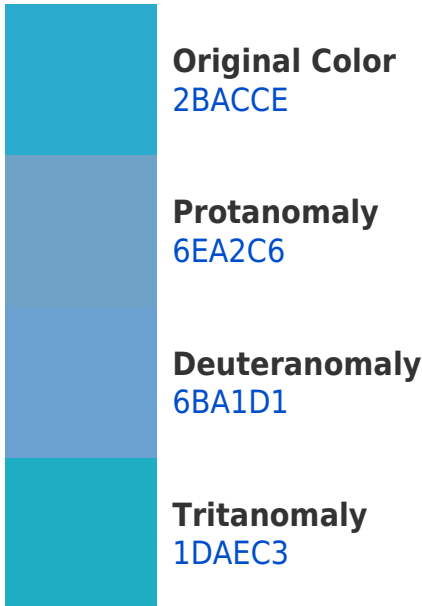
Dichromacy



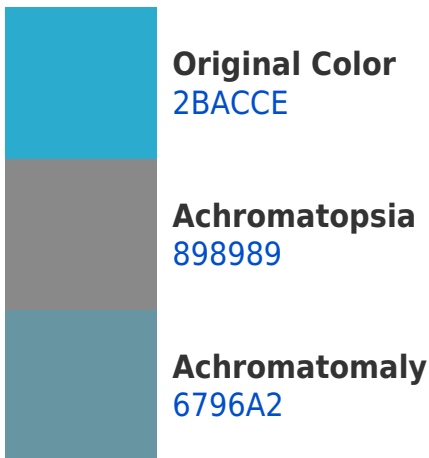


Tritanopia
15AFBD

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #2BACCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor