

Converting Colors

Hex(2CB0A5)

Have a look what the booklet for
Hex(2CB0A5) contains.

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Color

Hex(2CB0A5)

Conversions

Conversions Part 1

Format	Color
Hex	2CB0A5
RGB	44, 176, 165
RGB Percent	17%, 69%, 65%
CMY	0.8275, 0.3098, 0.3529
CMYK	0.75, 0.00, 0.06, 0.31
HSL	175°, 60%, 43%
HSV	175°, 75%, 69%
XYZ	23.3556, 34.3028, 40.9874
YIQ	135.2780, -75.1410, -31.4050

Conversions

Conversions Part 2

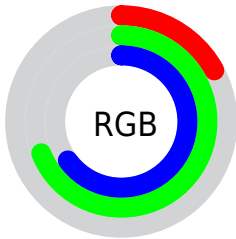
Format	Color
RYB	44, 113, 176
Decimal	2928805
CIELab	65.20, -36.83, -4.41
CIELCh	65, 37.097, 186.820
Yxy	34.3028, 0.2368, 0.3477
Android (android.graphics.Color)	4281118885 (0xFF2CB0A5)
YUV	135.2780, 14.6529, -80.0508
Hunter-Lab	58.5686, -31.3139, -0.4943

Details

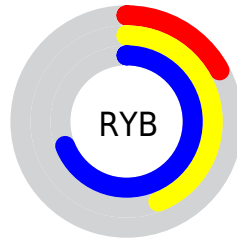
The Hex color **2CB0A5** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B02C37**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **6FE8DC**, and **007B71** is the 20% darker color. If you saturate the color by 10%, you get **1AB0A4**, and if you desaturate by 10%, it is **3EB0A6**.

Distribution



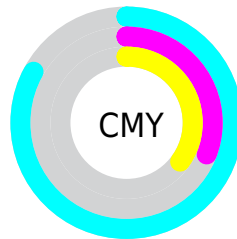
- Red (17%)
- Green (69%)
- Blue (65%)



- Red (17%)
- Yellow (44%)
- Blue (69%)



- Cyan (75%)
- Magenta (0%)
- Yellow (6%)
- Black (31%)



- Cyan (83%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CB0A5 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 2CB0A5 by changing the saturation by 10% instead.

 2CB0A5

 2CB0A5

FFFFFF

 00958B

 6FE8DC

 007B71

 8EFFF8

 006159

 ABFFFF

 004942

 C9FFFF

 00312C

 E7FFFF

 001B17

 000000

 2CB0A5

 2CB0A5

 1AB0A4

 3EB0A6

09B0A2

4FB0A8

00B0A1

61B0A9

72B0AB

84B0AC

96B0AE

A7B0AF

B9B0B1

CAB0B2

Harmonies

Analogous

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



60AE83



2CB0A5



00AEC5

Triad

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



2CB0A5



AC93D4



C99362

Complementary

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



2CB0A5



B02C37

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.



DB8978



2CB0A5



CE88B9

Square

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



2CB0A5



7A9FE0



DE8498



AD9F5B

Rectangle

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



2CB0A5



22ABD5



DE8498



D18F68

Sweetspot

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



2CB0A5



B1E6E1



37B02C



537370



F2F2F2



737373

Same Dimension

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



2CB0A5



17E6D4



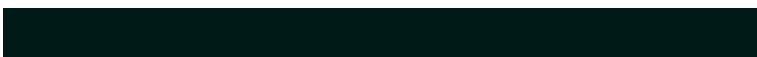
2C79B0



505959



00998C



001A17

Inverse Universe

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



B02C37



E61728



B0632C



595051



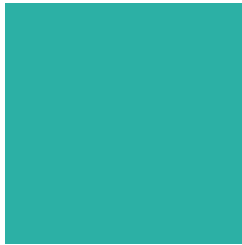
99000D



1A0002

Previews

White Background



This preview shows how the Hex color 2CB0A5 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 2CB0A5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

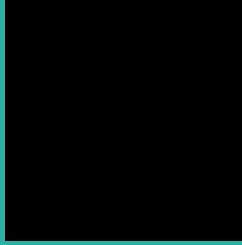
Any Text WCAG AA ✓ Pass

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 2CB0A5 Background



This preview shows how black text looks on a background with the Hex color 2CB0A5.

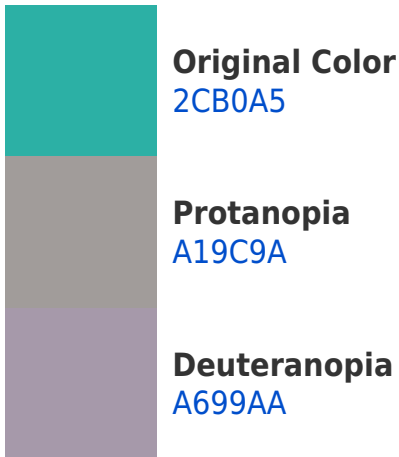


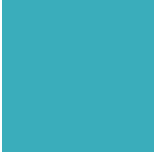
This preview shows how white text looks on a background with the Hex color 2CB0A5.

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





Trichromacy



Original Color
2CB0A5



Protanomaly
76A39E



Deuteranomaly
7AA1A8



Tritanomaly
35AEB3

Monochromacy



Original Color
2CB0A5



Achromatopsia
878787



Achromatomaly
669692

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CB0A5 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 #2CB0A5 looks like.

```
.text, #text, p{  
    color:#2CB0A5  
}
```

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 #2CB0A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CB0A5
}
```

Border

The CSS property to change the border of an element to Hex 2CB0A5 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
#2CB0A5 }
```

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

```
.border{ border-color:#2CB0A5 }
```

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

Here you see how a box with a 4 pixel #2CB0A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CB0A5; -webkit-box-shadow:4px 4px  
4px 4px #2CB0A5; box-shadow:4px 4px 4px  
4px #2CB0A5 }
```

Background

The CSS property to change the background color of an element to Hex 2CB0A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CB0A5 }
```

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

```
.background{ background-color:#2CB0A5 }
```

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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