

Converting Colors

Hex(2CB075)

Have a look what the booklet for
Hex(2CB075) contains.

Hex(2CB075)	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(2CB075)

Conversions

Conversions Part 1

Format	Color
Hex	2CB075
RGB	44, 176, 117
RGB Percent	17%, 69%, 46%
CMY	0.8275, 0.3098, 0.5412
CMYK	0.75, 0.00, 0.34, 0.31
HSL	153°, 60%, 43%
HSV	153°, 75%, 69%
XYZ	19.7749, 32.8705, 22.1320
YIQ	129.8060, -59.7330, -46.3330

Conversions

Conversions Part 2

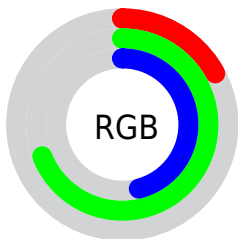
Format	Color
RYB	44, 129, 176
Decimal	2928757
CIELab	64.06, -48.79, 20.43
CIElCh	64, 52.899, 157.277
Yxy	32.8705, 0.2645, 0.4396
Android (android.graphics.Color)	4281118837 (0xFF2CB075)
YUV	129.8060, -6.3134, -75.2519
Hunter-Lab	57.3328, -38.7651, 17.2454

Details

The Hex color **2CB075** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **B02C67**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **6DE9A9**, and **007A44** is the 20% darker color. If you saturate the color by 10%, you get **1AB06D**, and if you desaturate by 10%, it is **3EB07D**.

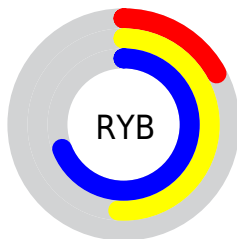
Distribution



Red (17%)

Green (69%)

Blue (46%)



Red (17%)

Yellow (51%)

Blue (69%)

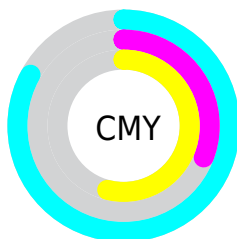


Cyan (75%)

Magenta (0%)

Yellow (34%)

Black (31%)



Cyan (83%)

Magenta (31%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CB075 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 2CB075 by changing the saturation by 10% instead.



2CB075



2CB075

FFFFFF



00955C



6DE9A9



007A44



8BFFC5



00602D



A8FFE1



004718



C6FFFE



003000



E3FFFF



001700



000000



2CB075



2CB075



1AB06D



3EB07D

 09B065

 4FB085

 00B061

 61B08D

 72B094

 84B09C

 96B0A4

 A7B0AC

 B9B0B4

 CAB0BC

Harmonies

Analogous

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



79A94C



2CB075



00B3A6

Triad

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



2CB075



589DF9



ED7A65

Complementary

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



2CB075



B02C67

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.



F27192



2CB075



AD8AE7

Square

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



2CB075



00AAF2



DE78C1



D38C43

Rectangle

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



2CB075



00B2C5



DE78C1



F17673

Sweetspot

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



2CB075



B1E6CE



67B02C



537364



F2F2F2



737373

Same Dimension

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



2CB075



17E689



2CA9B0



505955



009955



001A0E

Inverse Universe

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



B02C67



E61773



B0332C



595054



990044



1A000B

Previews

White Background



This preview shows how the Hex color 2CB075 looks on a white background.

Color Contrast Check

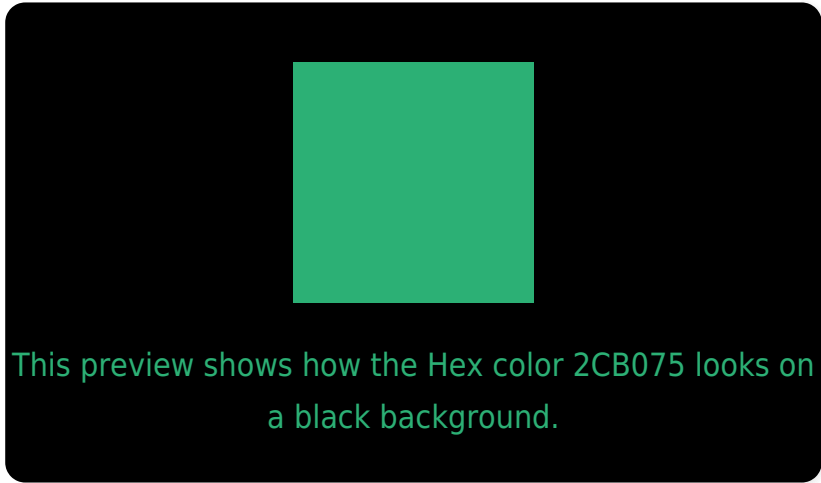
Large Text (above 18pt) WCAG AA × Fail

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

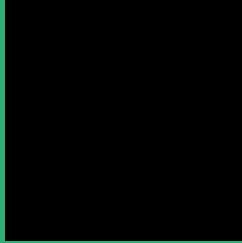
Any Text WCAG AA ✓ Pass

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 2CB075 Background



This preview shows how black text looks on a background with the Hex color 2CB075.

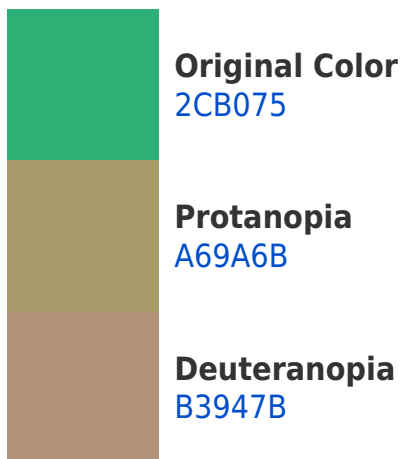


This preview shows how white text looks on a background with the Hex color 2CB075.

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
49A8B6

Trichromacy



Original Color
2CB075



Protanomaly
7AA26F



Deuteranomaly
829E79



Tritanomaly
3EAB9E

Monochromacy



Original Color
2CB075



Achromatopsia
828282



Achromatomaly
63937D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CB075 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 #2CB075 looks like.

```
.text, #text, p{  
  color:#2CB075  
}
```

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 #2CB075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CB075
}
```

Border

The CSS property to change the border of an element to Hex 2CB075 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
#2CB075 }
```

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

```
.border{ border-color:#2CB075 }
```

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

Here you see how a box with a 4 pixel #2CB075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CB075; -webkit-box-shadow:4px 4px  
4px 4px #2CB075; box-shadow:4px 4px 4px  
4px #2CB075 }
```

Background

The CSS property to change the background color of an element to Hex 2CB075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CB075 }
```

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

```
.background{ background-color:#2CB075 }
```

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