

# Converting Colors

Hex(2CB662)

Have a look what the booklet for  
Hex(2CB662) contains.

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# Color

Hex(2CB662)

# Conversions

## Conversions Part 1

Format	Color
Hex	2CB662
RGB	44, 182, 98
RGB Percent	17%, 71%, 38%
CMY	0.8275, 0.2863, 0.6157
CMYK	0.76, 0.00, 0.46, 0.29
HSL	143°, 61%, 44%
HSV	143°, 76%, 71%
XYZ	19.9713, 34.8732, 17.2339
YIQ	131.1620, -55.2840, -55.3800

# Conversions

## Conversions Part 2

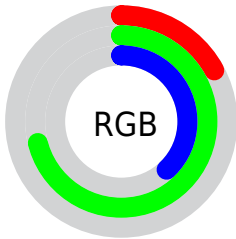
Format	Color
<a href="#">RYB</a>	<a href="#">44, 143, 182</a>
Decimal	<a href="#">2930274</a>
CIELab	<a href="#">65.65, -54.69, 32.59</a>
CIELCh	<a href="#">66, 63.661, 149.208</a>
Yxy	<a href="#">34.8732, 0.2771, 0.4838</a>
Android (android.graphics.Color)	<a href="#">4281120354</a> ( <a href="#">0xFF2CB662</a> )
YUV	<a href="#">131.1620, -16.3489, -76.4411</a>
Hunter-Lab	<a href="#">59.0535, -42.9770, 24.0346</a>

# Details

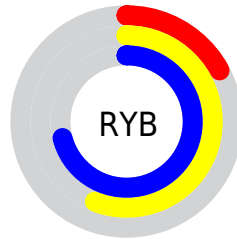
The Hex color **2CB662** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B62C80**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **6FEF96**, and **008031** is the 20% darker color. If you saturate the color by 10%, you get **1AB657**, and if you desaturate by 10%, it is **3EB66D**.

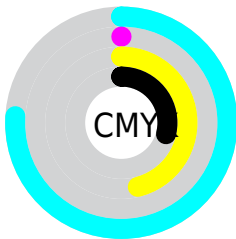
# Distribution



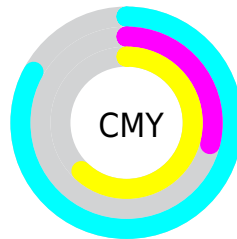
- Red (17%)
- Green (71%)
- Blue (38%)



- Red (17%)
- Yellow (56%)
- Blue (71%)



- Cyan (76%)
- Magenta (0%)
- Yellow (46%)
- Black (29%)



- Cyan (83%)
- Magenta (29%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CB662 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 2CB662 by changing the saturation by 10% instead.



 2CB662

 2CB662

FFFFFF

 009A49

 6FEF96

 008031

 8DFFB1

 006619

 AAFFCD

 004C00

 C8FFE9

 003500

 E6FFFF

 001C00

 000000

 2CB662

 2CB662

 1AB657

 3EB66D

 08B64C

 50B678

 00B647

 63B683

 75B68E

 87B699

 99B6A4

 ABB6B0

 BEB6BB

 D0B6C6

# Harmonies

## Analogous

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



85AC32



2CB662



00BA9C

# Triad

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



2CB662



00A6FF



FF706B

# Complementary

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



2CB662



B62C80

# 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.



FF69A3



2CB662



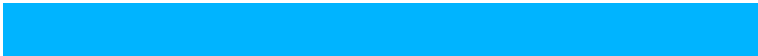
9C91FF

# Square

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



2CB662



00B4FF



E378DB



EA863C

# Rectangle

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



2CB662



00BBC3



E378DB



FF6B7D



# Sweetspot

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



2CB662



B7EDCC



81B62C



567863



F7F7F7



787878



# Same Dimension

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



2CB662



15ED6A



2CB6A6



535C56



009C3D



001C0B



# Inverse Universe

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



B62C80



ED1599



B62C3C



5C5358



9C005F



1C0011



# Previews

## White Background



This preview shows how the Hex color 2CB662 looks on a white background.

## Color Contrast Check

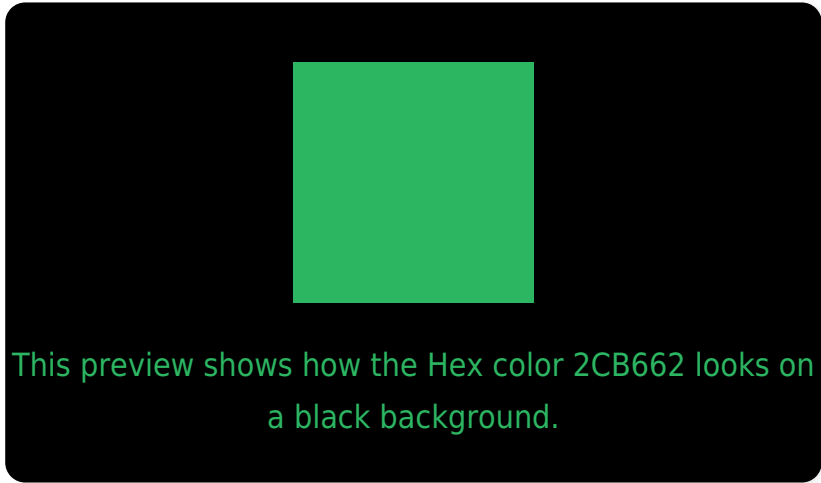
Large Text (above 18pt) WCAG AA × Fail

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

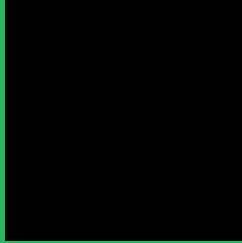
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2CB662 Background



This preview shows how black text looks on a background with the Hex color 2CB662.

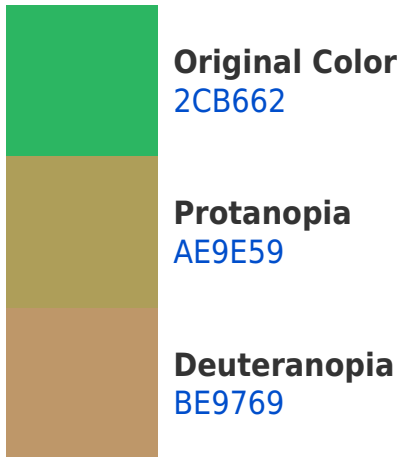


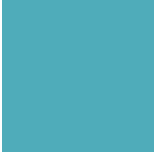
This preview shows how white text looks on a background with the Hex color 2CB662.

# 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



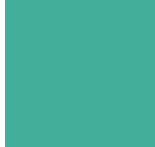
**Original Color**  
2CB662



**Protanomaly**  
7FA75C



**Deuteranomaly**  
89A266



**Tritanomaly**  
42B09A

# Monochromacy



**Original Color**  
2CB662



**Achromatopsia**  
838383



**Achromatomaly**  
639677

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CB662 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 #2CB662 looks like.

```
.text, #text, p{  
    color:#2CB662  
}
```

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 #2CB662 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CB662
}
```

## Border

The CSS property to change the border of an element to Hex 2CB662 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
#2CB662 }
```

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

```
.border{ border-color:#2CB662 }
```

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

Here you see how a box with a 4 pixel #2CB662 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CB662; -webkit-box-shadow:4px 4px  
4px 4px #2CB662; box-shadow:4px 4px 4px  
4px #2CB662 }
```

# Background

The CSS property to change the background color of an element to Hex 2CB662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CB662 }
```

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

```
.background{ background-color:#2CB662 }
```

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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