

Converting Colors

Hex(2BC662)

Have a look what the booklet for
Hex(2BC662) contains.

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Color

Hex(2BC662)

Conversions

Conversions Part 1

Format	Color
Hex	2BC662
RGB	43, 198, 98
RGB Percent	17%, 78%, 38%
CMY	0.8314, 0.2235, 0.6157
CMYK	0.78, 0.00, 0.51, 0.22
HSL	141°, 64%, 47%
HSV	141°, 78%, 78%
XYZ	23.3949, 41.7836, 18.3873
YIQ	140.2550, -60.2800, -63.9600

Conversions

Conversions Part 2

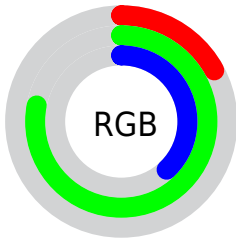
Format	Color
RYB	43, 157, 198
Decimal	2868834
CIELab	70.72, -60.45, 38.97
CIELCh	71, 71.922, 147.189
Yxy	41.7836, 0.2800, 0.5000
Android (android.graphics.Color)	4281058914 (0xFF2BC662)
YUV	140.2550, -20.8317, -85.2926
Hunter-Lab	64.6402, -48.5167, 28.3828

Details

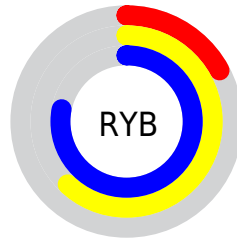
The Hex color **2BC662** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C62B8F**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **72FF96**, and **008F30** is the 20% darker color. If you saturate the color by 10%, you get **17C655**, and if you desaturate by 10%, it is **3FC66F**.

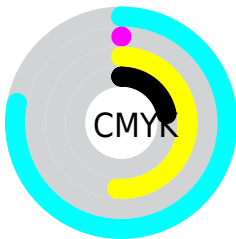
Distribution



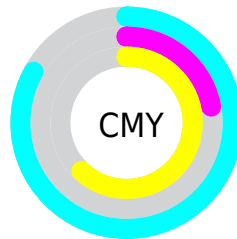
- Red (17%)
- Green (78%)
- Blue (38%)



- Red (17%)
- Yellow (62%)
- Blue (78%)



- Cyan (78%)
- Magenta (0%)
- Yellow (51%)
- Black (22%)



- Cyan (83%)
- Magenta (22%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2BC662 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 2BC662 by changing the saturation by 10% instead.

 2BC662

 2BC662

FFFFFF

 00AA49

 72FF96

 008F30

 91FFB2

 007416

 AFFFCE

 005A00

 CDFFEA

 004100

 ECFFFF

 002A00

 000500

 000000

 2BC662

 2BC662

■ 17C655

■ 3FC66F

■ 03C648

■ 53C67C

■ 00C646

■ 66C688

■ 7AC695

■ 8EC6A2

■ A2C6AF

■ B6C6BB

■ C9C6C8

■ DDC6D5

Harmonies

Analogous

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



93BB28



2BC662



00CBA5

Triad

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



2BC662



00B7FF



FF7475

Complementary

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



2BC662



C62B8F

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.



FF6DB6



2BC662



A19EFF

Square

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



2BC662



00C5FF



F681F5



FF8E3D

Rectangle

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



2BC662



00CCD2



F681F5



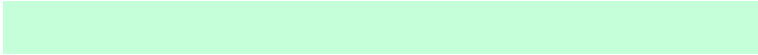
FF6E8A

Sweetspot

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



2BC662



C4FFD9



90C62B



5C8068



000000



808080

Same Dimension

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



2BC662



0FFF64



2BC6AF



5A635D



00A33A



00240D

Inverse Universe

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



C62B8F



FF0FAA



C62B42



635A60



A30069



240017

Previews

White Background



This preview shows how the Hex color 2BC662 looks on a white background.

Color Contrast Check

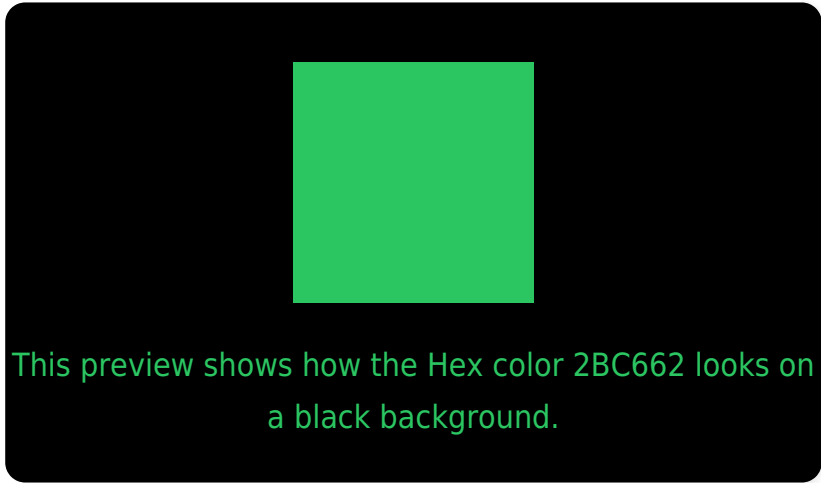
Large Text (above 18pt) WCAG AA × Fail

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

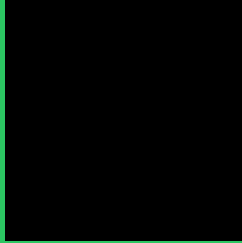
Any Text WCAG AA ✓ Pass

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 2BC662 Background



This preview shows how black text looks on a background with the Hex color 2BC662.

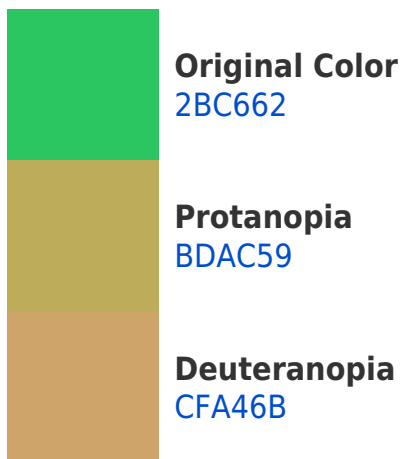


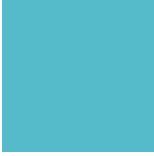
This preview shows how white text looks on a background with the Hex color 2BC662.

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
55BBCA

Trichromacy



Original Color
2BC662



Protanomaly
88B55C



Deuteranomaly
93B068



Tritanomaly
46BFA4

Monochromacy



Original Color
2BC662



Achromatopsia
8C8C8C



Achromatomaly
69A17D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2BC662 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 #2BC662 looks like.

```
.text, #text, p{  
    color:#2BC662  
}
```

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 #2BC662 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2BC662
}
```

Border

The CSS property to change the border of an element to Hex 2BC662 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
#2BC662 }
```

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

```
.border{ border-color:#2BC662 }
```

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

Here you see how a box with a 4 pixel #2BC662 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2BC662; -webkit-box-shadow:4px 4px  
4px 4px #2BC662; box-shadow:4px 4px 4px  
4px #2BC662 }
```

Background

The CSS property to change the background color of an element to Hex 2BC662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2BC662 }
```

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

```
.background{ background-color:#2BC662 }
```

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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