

Converting Colors

Hex(00BC59)

Have a look what the booklet for
Hex(00BC59) contains.

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Color

Hex(00BC59)

Conversions

Conversions Part 1

Format	Color
Hex	00BC59
RGB	0, 188, 89
RGB Percent	0%, 74%, 35%
CMY	1.0000, 0.2627, 0.6510
CMYK	1.00, 0.00, 0.53, 0.26
HSL	148°, 100%, 37%
HSV	148°, 100%, 74%
XYZ	19.7864, 36.6877, 15.4898
YIQ	120.5020, -80.2690, -70.6450

Conversions

Conversions Part 2

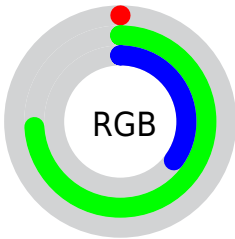
Format	Color
RYB	0, 128, 188
Decimal	48217
CIELab	67.04, -61.61, 38.77
CIELCh	67, 72.791, 147.817
Yxy	36.6877, 0.2749, 0.5098
Android (android.graphics.Color)	4278238297 (0xFF00BC59)
YUV	120.5020, -15.5305, -105.6803
Hunter-Lab	60.5704, -47.6880, 27.2369

Details

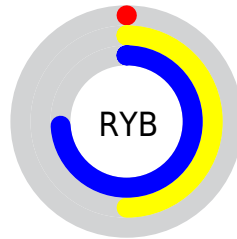
The Hex color **00BC59** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BC0063**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **61F68D**, and **008527** is the 20% darker color. If you saturate the color by 10%, you get **00BC59**, and if you desaturate by 10%, it is **13BC63**.

Distribution



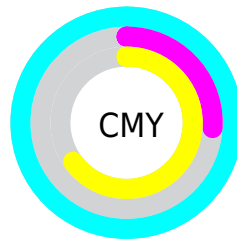
- Red (0%)
- Green (74%)
- Blue (35%)



- Red (0%)
- Yellow (50%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00BC59 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 00BC59 by changing the saturation by 10% instead.

 00BC59

 00BC59

FFFFFF

 00A040

 61F68D

 008527

 81FFA8

 006B0B

 A0FFC4

 005100

 BEFFE0

 003900

 DDFFFD

 002000

 FBFFFF

 000000

 00BC59

 13BC63

 26BC6D

 38BC77

 4BBC81

 5EBC8B

 71BC94

 84BC9E

 96BCA8

 A9BCB2

Harmonies

Analogous

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



87B119



00BC59



00C19C

Triad

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



00BC59



00ACFF



FF696A

Complementary

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



00BC59



BC0063

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.



FF60AB



00BC59



9894FF

Square

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



00BC59



00BBFF



ED75EA



F88430

Rectangle

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



00BC59



00C2C9



ED75EA



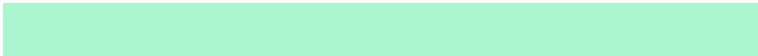
FF637F

Sweetspot

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



00BC59



ABF5CE



64BC00



4E7A63



FAFAFA



7A7A7A

Same Dimension

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



00BC59



00F574



00BCB6



555E59



009E4B



001F0E

Inverse Universe

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



BC0063



F50081



BC0006



5E555A



9E0053



1F0010

Previews

White Background



This preview shows how the Hex color 00BC59 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 00BC59 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 00BC59 Background



This preview shows how black text looks on a background with the Hex color 00BC59.



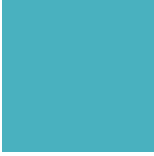
This preview shows how white text looks on a background with the Hex color 00BC59.

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
49B1BF

Trichromacy



Original Color
00BC59



Protanomaly
72AB53



Deuteranomaly
7DA75F



Tritanomaly
2EB59A

Monochromacy



Original Color
00BC59



Achromatopsia
797979



Achromatomaly
4D916D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00BC59 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 #00BC59 looks like.

```
.text, #text, p{  
    color:#00BC59  
}
```

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 #00BC59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BC59
}
```

Border

The CSS property to change the border of an element to Hex 00BC59 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
#00BC59 }
```

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

```
.border{ border-color:#00BC59 }
```

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

Here you see how a box with a 4 pixel #00BC59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BC59; -webkit-box-shadow:4px 4px  
4px 4px #00BC59; box-shadow:4px 4px 4px  
4px #00BC59 }
```

Background

The CSS property to change the background color of an element to Hex 00BC59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BC59 }
```

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

```
.background{ background-color:#00BC59 }
```

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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