

Converting Colors

Hex(02B15C)

Have a look what the booklet for
Hex(02B15C) contains.

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Color

Hex(02B15C)

Conversions

Conversions Part 1

Format	Color
Hex	02B15C
RGB	2, 177, 92
RGB Percent	1%, 69%, 36%
CMY	0.9922, 0.3059, 0.6392
CMYK	0.99, 0.00, 0.48, 0.31
HSL	151°, 98%, 35%
HSV	151°, 99%, 69%
XYZ	17.6789, 32.2299, 15.4144
YIQ	114.9850, -77.0150, -63.5350

Conversions

Conversions Part 2

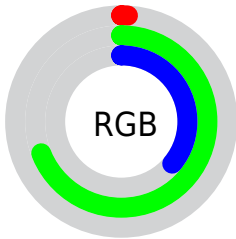
Format	Color
RYB	2, 118, 177
Decimal	176476
CIELab	63.53, -57.40, 32.89
CIELCh	64, 66.153, 150.188
Yxy	32.2299, 0.2706, 0.4934
Android (android.graphics.Color)	4278366556 (0xFF02B15C)
YUV	114.9850, -11.3316, -99.0878
Hunter-Lab	56.7714, -43.7640, 23.6417

Details

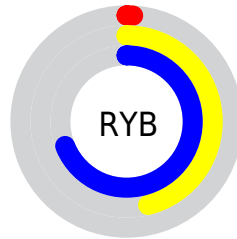
The Hex color **02B15C** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B10257**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **5EEA90**, and **007B2B** is the 20% darker color. If you saturate the color by 10%, you get **00B15B**, and if you desaturate by 10%, it is **14B165**.

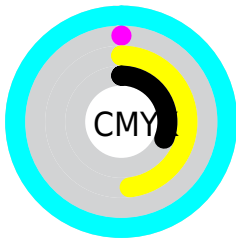
Distribution



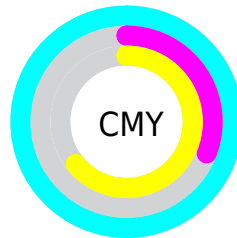
- Red (1%)
- Green (69%)
- Blue (36%)



- Red (1%)
- Yellow (46%)
- Blue (69%)



- Cyan (99%)
- Magenta (0%)
- Yellow (48%)
- Black (31%)



- Cyan (99%)
- Magenta (31%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02B15C 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 02B15C by changing the saturation by 10% instead.

 02B15C

 02B15C

FFFFFF

 009643

 5EEA90

 007B2B

 7DFFAA

 006113

 9BFFC6

 004700

 BAFFE2

 003100

 D8FFFF

 001500

 F6FFFF

 000000

 02B15C

 02B15C

 00B15B

 14B165

 25B16D

 37B176

 49B17E

 5BB187

 6CB190

 7EB198

 90B1A1

 A1B1A9

Harmonies

Analogous

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



7CA727



02B15C



00B598

Triad

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



02B15C



00A1FF



FF6862

Complementary

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



02B15C



B10257

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.



FF5F9C



02B15C



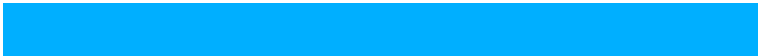
998AFF

Square

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



02B15C



00AFFF



E16FD5



E48030

Rectangle

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



02B15C



00B5C1



E16FD5



FF6375

Sweetspot

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



02B15C



A1E6C4



5AB102



49735F



F2F2F2



737373

Same Dimension

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



02B15C



00E676



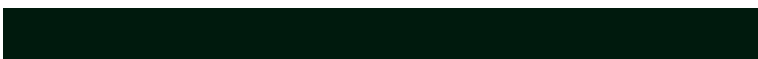
02B1B1



505955



00994F



001A0D

Inverse Universe

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



B10257



E6006F



B10202



595055



99004A



1A000C

Previews

White Background



This preview shows how the Hex color 02B15C looks on a white background.

Color Contrast Check

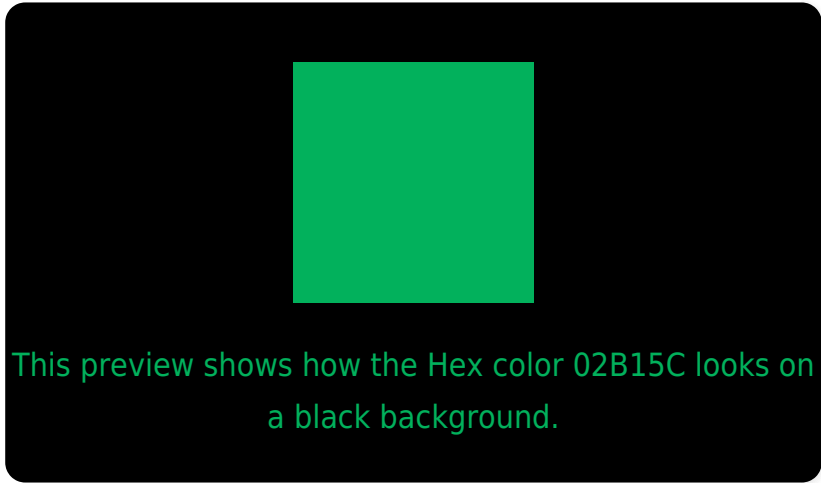
Large Text (above 18pt) WCAG AA × Fail

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

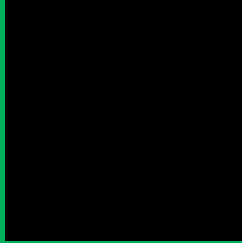
Any Text WCAG AA ✓ Pass

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 02B15C Background



This preview shows how black text looks on a background with the Hex color 02B15C.



This preview shows how white text looks on a background with the Hex color 02B15C.

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
43A7B5

Trichromacy



Original Color
02B15C



Protanomaly
6CA256



Deuteranomaly
769D61



Tritanomaly
2BAB95

Monochromacy



Original Color
02B15C



Achromatopsia
737373



Achromatomaly
4A8A6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 02B15C 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 #02B15C looks like.

```
.text, #text, p{  
    color:#02B15C  
}
```

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 #02B15C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02B15C
}
```

Border

The CSS property to change the border of an element to Hex 02B15C 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
#02B15C }
```

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

```
.border{ border-color:#02B15C }
```

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

Here you see how a box with a 4 pixel #02B15C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02B15C; -webkit-box-shadow:4px 4px  
4px 4px #02B15C; box-shadow:4px 4px 4px  
4px #02B15C }
```

Background

The CSS property to change the background color of an element to Hex 02B15C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02B15C }
```

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

```
.background{ background-color:#02B15C }
```

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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