

Converting Colors

Hex(02B13C)

Have a look what the booklet for
Hex(02B13C) contains.

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Color

Hex(02B13C)

Conversions

Conversions Part 1

Format	Color
Hex	02B13C
RGB	2, 177, 60
RGB Percent	1%, 69%, 24%
CMY	0.9922, 0.3059, 0.7647
CMYK	0.99, 0.00, 0.66, 0.31
HSL	140°, 98%, 35%
HSV	140°, 99%, 69%
XYZ	16.5628, 31.7834, 9.5368
YIQ	111.3370, -66.7430, -73.4870

Conversions

Conversions Part 2

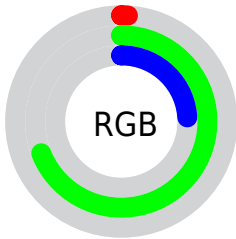
Format	Color
RYB	2, 133, 177
Decimal	176444
CIELab	63.16, -61.95, 47.67
CIELCh	63, 78.163, 142.421
Yxy	31.7834, 0.2861, 0.5491
Android (android.graphics.Color)	4278366524 (0xFF02B13C)
YUV	111.3370, -25.3091, -95.8885
Hunter-Lab	56.3768, -46.2184, 29.4341

Details

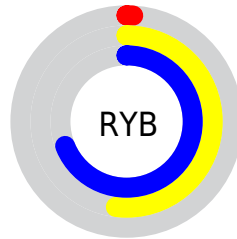
The Hex color **02B13C** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **B10277**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **5FEA70**, and **007B00** is the 20% darker color. If you saturate the color by 10%, you get **00B13B**, and if you desaturate by 10%, it is **14B148**.

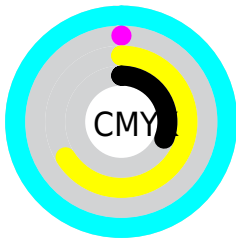
Distribution



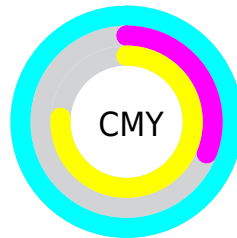
- Red (1%)
- Green (69%)
- Blue (24%)



- Red (1%)
- Yellow (52%)
- Blue (69%)



- Cyan (99%)
- Magenta (0%)
- Yellow (66%)
- Black (31%)



- Cyan (99%)
- Magenta (31%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 02B13C 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 02B13C by changing the saturation by 10% instead.

 02B13C

 02B13C

FFFFFF

 009521

 5FEA70

 007B00

 7FFF8B

 006000

 9DFFA6

 004700

 BBFFC2

 003000

 DAFFDF

 001300

 F8FFFC

 000000

 02B13C

 02B13C

 00B13B

 14B148

 25B154

 37B160

 49B16B

 5BB177

 6CB183

 7EB18F

 90B19B

 A1B1A7

Harmonies

Analogous

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



86A500



02B13C



00B784

Triad

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



02B13C



00A7FF



FF5168

Complementary

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



02B13C



B10277

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.



FF4DAE



02B13C



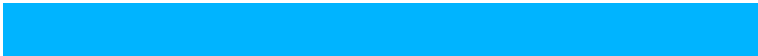
6D8EFF

Square

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



02B13C



00B4FF



DA6CEF



F77126

Rectangle

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



02B13C



00B8B5



DA6CEF



FF4B7F

Sweetspot

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



02B13C



A1E6B7



7AB102



497357



F2F2F2



737373

Same Dimension

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



02B13C



00E64C



02B191



505953



009933



001A08

Inverse Universe

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



B10277



E60099



B10222



595056



990066



1A0011

Previews

White Background



This preview shows how the Hex color 02B13C looks on a white background.

Color Contrast Check

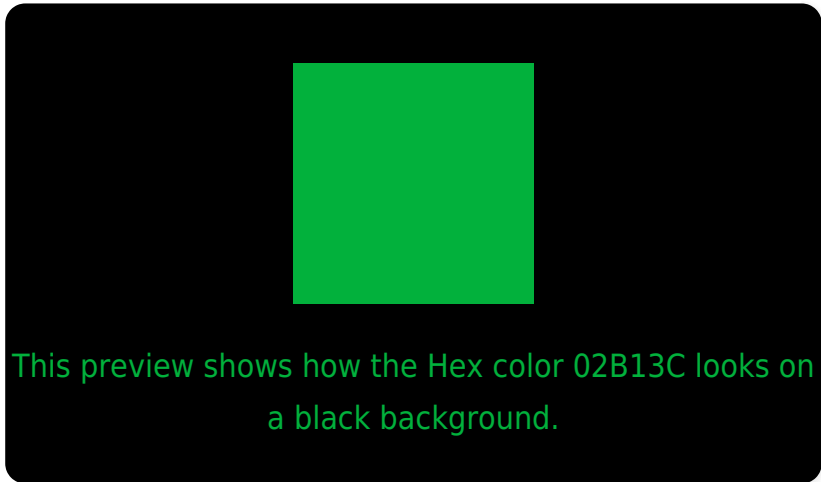
Large Text (above 18pt) WCAG AA × Fail

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 02B13C Background



This preview shows how black text looks on a background with the Hex color 02B13C.

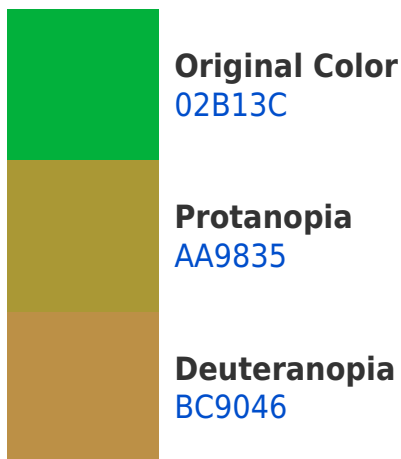


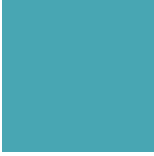
This preview shows how white text looks on a background with the Hex color 02B13C.

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
48A6B3

Trichromacy



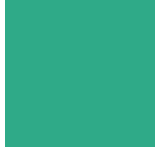
Original Color
02B13C



Protanomaly
6DA138



Deuteranomaly
789C42



Tritanomaly
2FAA88

Monochromacy



Original Color
02B13C



Achromatopsia
6F6F6F



Achromatomaly
47875C

CSS Examples

Text

The CSS property to change the color of the text to Hex 02B13C 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 #02B13C looks like.

```
.text, #text, p{  
    color:#02B13C  
}
```

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 #02B13C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02B13C
}
```

Border

The CSS property to change the border of an element to Hex 02B13C 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
#02B13C }
```

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

```
.border{ border-color:#02B13C }
```

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

Here you see how a box with a 4 pixel #02B13C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02B13C; -webkit-box-shadow:4px 4px  
4px 4px #02B13C; box-shadow:4px 4px 4px  
4px #02B13C }
```

Background

The CSS property to change the background color of an element to Hex 02B13C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02B13C }
```

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

```
.background{ background-color:#02B13C }
```

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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