

Converting Colors

Hex(04BA31)

Have a look what the booklet for
Hex(04BA31) contains.

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Color

Hex(04BA31)

Conversions

Conversions Part 1

Format	Color
Hex	04BA31
RGB	4, 186, 49
RGB Percent	2%, 73%, 19%
CMY	0.9843, 0.2706, 0.8078
CMYK	0.98, 0.00, 0.74, 0.27
HSL	135°, 96%, 37%
HSV	135°, 98%, 73%
XYZ	18.1634, 35.3654, 8.7746
YIQ	115.9640, -64.4950, -81.1910

Conversions

Conversions Part 2

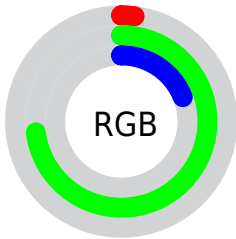
Format	Color
RYB	4, 150, 186
Decimal	309809
CIELab	66.03, -65.59, 55.05
CIElCh	66, 85.628, 139.994
Yxy	35.3654, 0.2915, 0.5676
Android (android.graphics.Color)	4278499889 (0xFF04BA31)
YUV	115.9640, -33.0133, -98.1924
Hunter-Lab	59.4688, -49.5517, 32.8799

Details

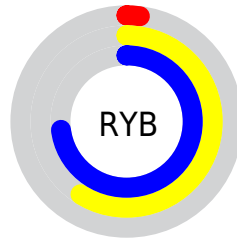
The Hex color **04BA31** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **BA048D**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **63F368**, and **008300** is the 20% darker color. If you saturate the color by 10%, you get **00BA2E**, and if you desaturate by 10%, it is **17BA3F**.

Distribution



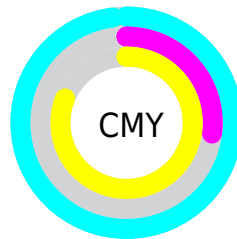
- Red (2%)
- Green (73%)
- Blue (19%)



- Red (2%)
- Yellow (59%)
- Blue (73%)



- Cyan (98%)
- Magenta (0%)
- Yellow (74%)
- Black (27%)



- Cyan (98%)
- Magenta (27%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04BA31 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 04BA31 by changing the saturation by 10% instead.

 04BA31

 04BA31


FFFFFF

 009E0F

 63F368

 008300

 83FF83

 006900

 A2FF9E

 004F00

 C0FFBA

 003700

 DFFFD7

 001D00

 FEFFF4

 000000

 04BA31

 04BA31

 00BA2E

 17BA3F

 29BA4D

 3CBA5B

 4EBA69

 61BA77

 74BA85

 86BA93

 99BAA1

 ABBAAF

Harmonies

Analogous

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



91AC00



04BA31



00C183

Triad

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



04BA31



00B1FF



FF4A71

Complementary

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



04BA31



BA048D

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.



FF49BE



04BA31



5897FF

Square

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



04BA31



00BEFF



E171FF



FF7026

Rectangle

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



04BA31



00C2B9



E171FF



FF438A

Sweetspot

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



04BA31



ACF2BD



90BA04



507A5A



FAFAFA



7A7A7A

Same Dimension

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



04BA31



00F23C



04BA89



535C55



009C26



001C07

Inverse Universe

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



BA048D



F200B6



BA0435



5C535A



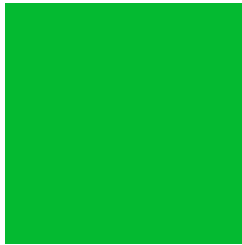
9C0075



1C0015

Previews

White Background



This preview shows how the Hex color 04BA31 looks on a white background.

Color Contrast Check

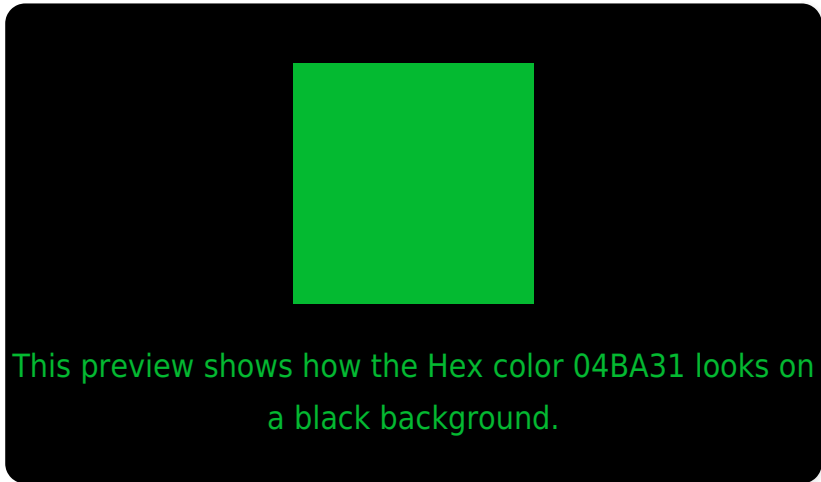
Large Text (above 18pt) WCAG AA × Fail

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 04BA31 Background



This preview shows how black text looks on a background with the Hex color 04BA31.

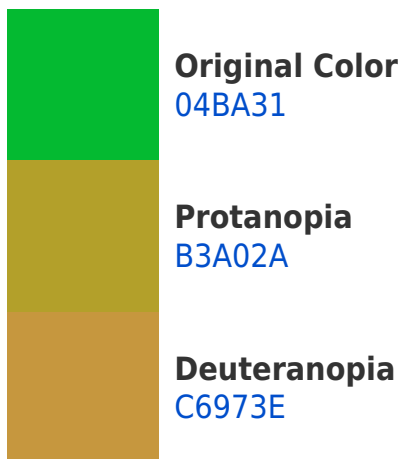


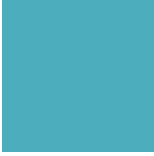
This preview shows how white text looks on a background with the Hex color 04BA31.

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



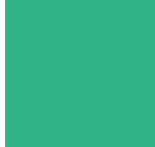
Original Color
04BA31



Protanomaly
73A92D



Deuteranomaly
7FA439



Tritanomaly
32B289

Monochromacy



Original Color
04BA31



Achromatopsia
747474



Achromatomaly
4B8D5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 04BA31 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 #04BA31 looks like.

```
.text, #text, p{  
    color:#04BA31  
}
```

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 #04BA31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04BA31
}
```

Border

The CSS property to change the border of an element to Hex 04BA31 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
#04BA31 }
```

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

```
.border{ border-color:#04BA31 }
```

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

Here you see how a box with a 4 pixel #04BA31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04BA31; -webkit-box-shadow:4px 4px  
4px 4px #04BA31; box-shadow:4px 4px 4px  
4px #04BA31 }
```

Background

The CSS property to change the background color of an element to Hex 04BA31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04BA31 }
```

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

```
.background{ background-color:#04BA31 }
```

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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