

Converting Colors

Hex(0B9D36)

Have a look what the booklet for
Hex(0B9D36) contains.

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Color

Hex(0B9D36)

Conversions

Conversions Part 1

Format	Color
Hex	0B9D36
RGB	11, 157, 54
RGB Percent	4%, 62%, 21%
CMY	0.9569, 0.3843, 0.7882
CMYK	0.93, 0.00, 0.66, 0.38
HSL	138°, 87%, 33%
HSV	138°, 93%, 62%
XYZ	12.8608, 24.4514, 7.5318
YIQ	101.6040, -53.9530, -62.9850

Conversions

Conversions Part 2

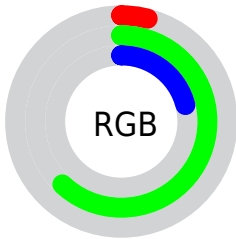
Format	Color
RYB	11, 124, 157
Decimal	761142
CIELab	56.54, -55.97, 42.96
CIELCh	57, 70.556, 142.488
Yxy	24.4514, 0.2868, 0.5453
Android (android.graphics.Color)	4278951222 (0xFF0B9D36)
YUV	101.6040, -23.4688, -79.4597
Hunter-Lab	49.4484, -40.1093, 25.5830

Details

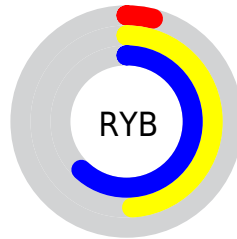
The Hex color **0B9D36** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **9D0B72**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5BD569**, and **006800** is the 20% darker color. If you saturate the color by 10%, you get **009D2E**, and if you desaturate by 10%, it is **1B9D41**.

Distribution



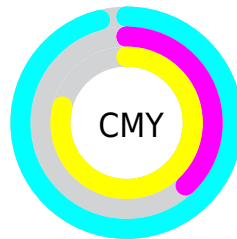
- Red (4%)
- Green (62%)
- Blue (21%)



- Red (4%)
- Yellow (49%)
- Blue (62%)



- Cyan (93%)
- Magenta (0%)
- Yellow (66%)
- Black (38%)




- Cyan (96%)
- Magenta (38%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0B9D36 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 0B9D36 by changing the saturation by 10% instead.

 0B9D36

 0B9D36

FFFFFF

 00821C

 5BD569

 006800

 79F283

 004F00

 97FF9E

 003700

 B4FFBA

 001F00

 D2FFD6

 000000

 F0FFF3

 0B9D36

 0B9D36

 009D2E

 1B9D41

 2A9D4C

 3A9D57

 4A9D62

 599D6D

 699D78

 799D84

 899D8F

 989D9A

Harmonies

Analogous

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



779200



0B9D36



00A276

Triad

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



0B9D36



0094FF



F2495D

Complementary

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



0B9D36



9D0B72

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.



EC459A



0B9D36



627EFA

Square

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



0B9D36



009FE9



C260D3



DB6523

Rectangle

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



0B9D36



00A3A0



C260D3



F44371

Sweetspot

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



0B9D36



93CCA4



749D0B



43664E



E6E6E6



666666

Same Dimension

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



0B9D36



00CC3C



0B9D7D



474F49



008F2A



000F05

Inverse Universe

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



9D0B72



CC0090



9D0B2B



4F474D



8F0065



0F000B

Previews

White Background



This preview shows how the Hex color 0B9D36 looks on a white background.

Color Contrast Check

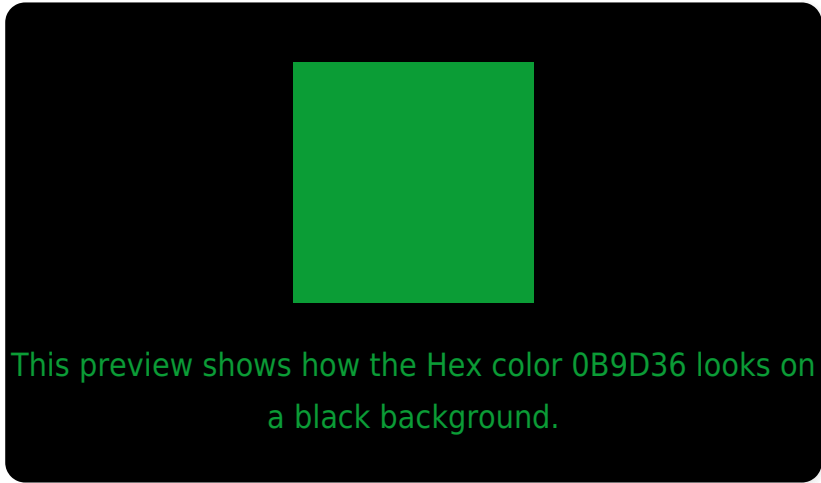
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0B9D36 Background



This preview shows how black text looks on a background with the Hex color 0B9D36.

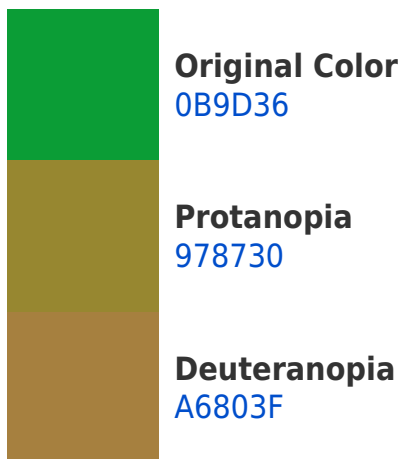


This preview shows how white text looks on a background with the Hex color 0B9D36.

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
40939F

Trichromacy



Original Color
0B9D36



Protanomaly
648F32



Deuteranomaly
6E8B3C



Tritanomaly
2D9779

Monochromacy



Original Color
0B9D36



Achromatopsia
666666



Achromatomaly
457A55

CSS Examples

Text

The CSS property to change the color of the text to Hex 0B9D36 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 #0B9D36 looks like.

```
.text, #text, p{  
    color:#0B9D36  
}
```

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 #0B9D36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B9D36
}
```

Border

The CSS property to change the border of an element to Hex 0B9D36 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
#0B9D36 }
```

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

```
.border{ border-color:#0B9D36 }
```

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

Here you see how a box with a 4 pixel #0B9D36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B9D36; -webkit-box-shadow:4px 4px  
4px 4px #0B9D36; box-shadow:4px 4px 4px  
4px #0B9D36 }
```

Background

The CSS property to change the background color of an element to Hex 0B9D36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B9D36 }
```

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

```
.background{ background-color:#0B9D36 }
```

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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