

Converting Colors

Hex(1C9936)

Have a look what the booklet for
Hex(1C9936) contains.

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Color

Hex(1C9936)

Conversions

Conversions Part 1

Format	Color
Hex	1C9936
RGB	28, 153, 54
RGB Percent	11%, 60%, 21%
CMY	0.8902, 0.4000, 0.7882
CMYK	0.82, 0.00, 0.65, 0.40
HSL	132°, 69%, 35%
HSV	132°, 82%, 60%
XYZ	12.5360, 23.2957, 7.3258
YIQ	104.3390, -42.7210, -57.2890

Conversions

Conversions Part 2

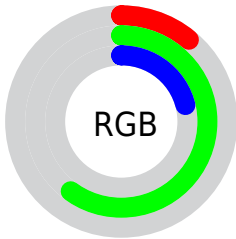
Format	Color
R_{YB}	28, 131, 153
Decimal	1874230
CIE Lab	55.38, -53.14, 41.72
CIE LCh	55, 67.559, 141.867
Yxy	23.2957, 0.2905, 0.5398
Android (android.graphics.Color)	4280064310 (0xFF1C9936)
YUV	104.3390, -24.8171, -66.9493
Hunter-Lab	48.2656, -38.1032, 24.7868

Details

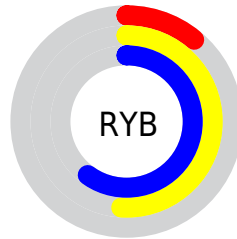
The Hex color **1C9936** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **991C7F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **60D169**, and **006400** is the 20% darker color. If you saturate the color by 10%, you get **0D992A**, and if you desaturate by 10%, it is **2B9942**.

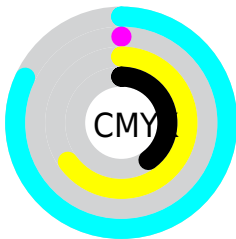
Distribution



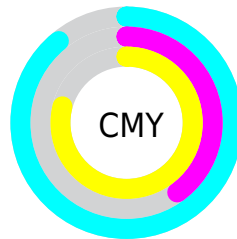
- Red (11%)
- Green (60%)
- Blue (21%)



- Red (11%)
- Yellow (51%)
- Blue (60%)



- Cyan (82%)
- Magenta (0%)
- Yellow (65%)
- Black (40%)



- Cyan (89%)
- Magenta (40%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C9936 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 1C9936 by changing the saturation by 10% instead.



1C9936



1C9936

FFFFFF



007E1C



60D169



006400



7EED83



004B00



9BFF9E



003400



B8FFB9



001B00



D5FFD5



000000



F3FFF2



1C9936



1C9936



0D992A



2B9942

■ 009920

■ 3B994E

■ 4A995A

■ 599966

■ 699973

■ 78997F

■ 87998B

■ 969997

■ A699A3

Harmonies

Analogous

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



768E00



1C9936



009E72

Triad

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



1C9936



0090F9



EB4A5D

Complementary

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



1C9936



991C7F

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.



E44797



1C9936



5F7CF2

Square

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



1C9936



009BE0



BB60CE



D66326

Rectangle

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



1C9936



009F9B



BB60CE



EC4570

Sweetspot

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



1C9936



95C7A0



80991C



46634C



E3E3E3



636363

Same Dimension

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



1C9936



04C72D



1C9974



454D46



008C1D



000D03

Inverse Universe

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



991C7F



C7049E



991C42



4D454B



8C006F



0D000A

Previews

White Background



This preview shows how the Hex color 1C9936 looks on a white background.

Color Contrast Check

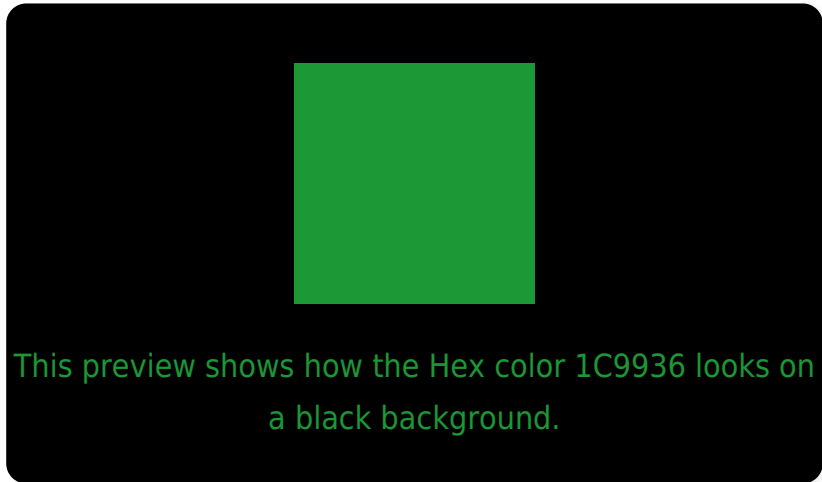
Large Text (above 18pt) WCAG AA ✓ Pass

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 1C9936 Background



This preview shows how black text looks on a background with the Hex color 1C9936.



This preview shows how white text looks on a background with the Hex color 1C9936.

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
428F9B

Trichromacy



Original Color
1C9936



Protanomaly
688C32



Deuteranomaly
71873C



Tritanomaly
349376

Monochromacy



Original Color
1C9936



Achromatopsia
686868



Achromatomaly
4C7A56

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C9936 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 #1C9936 looks like.

```
.text, #text, p{  
    color:#1C9936  
}
```

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 #1C9936 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C9936
}
```

Border

The CSS property to change the border of an element to Hex 1C9936 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
#1C9936 }
```

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

```
.border{ border-color:#1C9936 }
```

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

Here you see how a box with a 4 pixel #1C9936 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C9936; -webkit-box-shadow:4px 4px  
4px 4px #1C9936; box-shadow:4px 4px 4px  
4px #1C9936 }
```

Background

The CSS property to change the background color of an element to Hex 1C9936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C9936 }
```

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

```
.background{ background-color:#1C9936 }
```

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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