

Converting Colors

HunterLab(40.1096, -33.4216,
22.0141)

Have a look what the booklet for
HunterLab(40.1096, -33.4216,
22.0141) contains.

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Color

**HunterLab(40.0937,
-33.4026, 21.9931)**

Conversions

Conversions Part 1

Format	Color
Hex	008221
RGB	0, 130, 33
RGB Percent	0%, 51%, 13%
CMY	1.0000, 0.4902, 0.8706
CMYK	1.00, 0.00, 0.75, 0.49
HSL	135°, 100%, 25%
HSV	135°, 100%, 51%
XYZ	8.2571, 16.0750, 4.1064
YIQ	80.0720, -46.3430, -57.7270

Conversions

Conversions Part 2

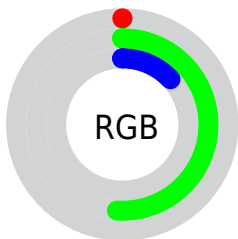
Format	Color
RYB	0, 104, 130
Decimal	33313
CIELab	47.07, -50.42, 41.68
CIELCh	47, 65.414, 140.424
Yxy	16.0757, 0.2903, 0.5653
Android (android.graphics.Color)	4278223393 (0xFF008221)
YUV	80.0720, -23.2065, -70.2231
Hunter-Lab	40.0937, -33.4026, 21.9931

Details

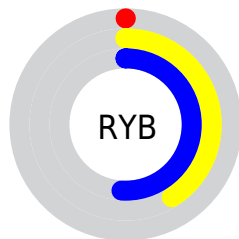
The HunterLab color **40.0937, -33.4026, 21.9931** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **23.6837, 44.2026, -12.9452**, and the grayscale version is **28.4433, -1.5177, 1.5454**.

A 20% lighter version of the original color is **60.5561, -40.7290, 28.3892**, and **23.6473, -20.2776, 14.2164** is the 20% darker color. If you saturate the color by 10%, you get **40.0945, -33.4033, 21.9934**, and if you desaturate by 10%, it is **40.2787, -32.4662, 20.9288**.

Distribution



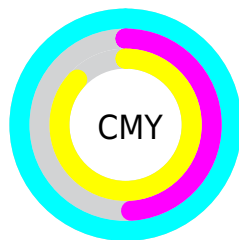
- Red (0%)
- Green (51%)
- Blue (13%)



- Red (0%)
- Yellow (41%)
- Blue (51%)



- Cyan (100%)
- Magenta (0%)
- Yellow (75%)
- Black (49%)



- Cyan (100%)
- Magenta (49%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0937, -33.4026, 21.9931 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 HunterLab color 40.0937, -33.4026, 21.9931 by changing the saturation by 10% instead.

■ 40.0937, -33.4026,
21.9931

■ 40.0937, -33.4026,
21.9931

151.5876,
-62.6652, 47.6751

■ 30.9479, -29.2805,
18.4372

■ 60.6049, -40.8426,
28.4775

■ 22.6272, -24.7597,
14.9225

■ 71.8709, -44.2772,
31.4858

■ 15.2243, -20.0098,
10.6570

■ 83.7596, -47.5720,
34.3770

■ 8.8493, -15.4862,
6.1945

■ 96.2399, -50.7527,
37.1722

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.2850,
-53.8387, 39.8877

0.0000, NaN, NaN

■ 122.8715,

0.0000, NaN, NaN

-56.8450, 42.5367

0.0000, NaN, NaN

136.9785,
-59.7840, 45.1296

40.0937, -33.4026,
21.9931

40.0937, -33.4026,
21.9931

40.0945, -33.4033,
21.9934

40.2787, -32.4662,
20.9288

40.5427, -31.1577,
19.6157

40.9221, -29.3374,
18.0778

41.4263, -26.9833,
16.3277

42.0612, -24.0933,
14.3828

■ 42.8306, -20.6822,
12.2650

■ 43.7355, -16.7780,
9.9987

■ 44.7752, -12.4192,
7.6098

■ 45.9473, -7.6505,
5.1242

Harmonies

Analogous

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



40.0945, -17.8779, 25.9166



40.0937, -33.4026, 21.9931



40.0945, -39.9801, 9.2010

Triad

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



40.0945, -33.4031, 21.9933



40.0945, -9.9871, -76.5962



40.0945, 55.0288, 15.3002

Complementary

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



40.0937, -33.4026, 21.9931



23.6837, 44.2026, -12.9452

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.



40.0945, 58.6718, -6.3912



40.0937, -33.4026, 21.9931



40.0945, 16.4724, -70.9017

Square

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



40.0945, -33.4031, 21.9933



40.0945, -28.8737, -53.0921



40.0945, 43.1580, -40.4369



40.0945, 34.1815, 24.0724

Rectangle

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



40.0937, -33.4026, 21.9931



40.0945, -39.9065, -7.2220



40.0945, 43.1580, -40.4369



40.0945, 58.4787, 9.7473

Sweetspot

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



40.0945, -33.4031, 21.9933



57.9509, -22.6380, 13.4792



43.0522, -21.5810, 26.1507



27.3625, -11.6615, 6.9222



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



40.0945, -33.4031, 21.9933



53.1870, -44.4507, 29.4772



41.0346, -27.5966, 8.2837



21.9893, -3.4345, 2.3355



39.2613, -32.7001, 21.5170

0.0000, NaN, NaN

Inverse Universe

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



23.6837, 44.2026, -12.9452



31.3899, 58.5202, -16.6463



22.0297, 38.2119, 10.4688



20.9627, 1.2330, -0.0050

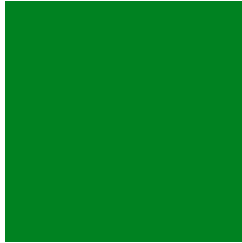


23.1931, 43.2916, -12.7089

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 40.0937, -33.4026, 21.9931 looks on a white 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

Black Background



This preview shows how the HunterLab color 40.0937, -33.4026, 21.9931 looks on a black 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

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

HunterLab 40.0937, -33.4026, 21.9931 Background



This preview shows how black text looks on a background with the HunterLab color 40.0937, -33.4026, 21.9931.



This preview shows how white text looks on a background with the HunterLab color 40.0937,

-33.4026, 21.9931.

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



Original Color

40.0937, -33.4026, 21.9931

Protanopia

40.0402, -5.6019, 22.9477

Deuteranopia

39.9643, 2.5872, 21.2804



Tritanopia

40.1219, -14.8000, -7.2674

Trichromacy



Original Color

40.0937, -33.4026, 21.9931

Protanomaly

38.7206, -21.0188, 21.6107

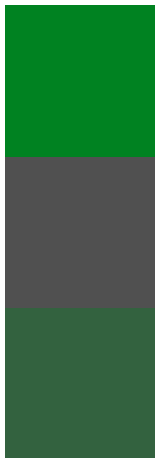
Deuteranomaly

38.0561, -17.2479, 20.1576

Tritanomaly

39.4735, -24.1620, 7.6389

Monochromacy



Original Color

40.0937, -33.4026, 21.9931

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

31.3018, -16.9697, 10.0835

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0937, -33.4026, 21.9931 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 `rgb(0, 130, 33)` looks like.

```
.text, #text, p{  
    color:rgb(0, 130, 33)  
}
```

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 rgb(0, 130, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 130, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0937, -33.4026, 21.9931 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 rgb(0, 130, 33) }
```


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

```
.border{ border-color:rgb(0, 130, 33) }
```

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

Here you see how a box with a 4 pixel rgb(0, 130, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 130, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 130, 33);  
box-shadow:4px 4px 4px 4px rgb(0, 130, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 40.0937, -33.4026, 21.9931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 130, 33) }
```

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

```
.background{ background-color: rgb(0, 130,  
33) }
```

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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