

Converting Colors

HunterLab(37.3050, -50.6880,
21.4912)

Have a look what the booklet for
HunterLab(37.3050, -50.6880,
21.4912) contains.

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Color

**HunterLab(40.9928,
-34.8983, 24.0979)**

Conversions

Conversions Part 1

Format	Color
Hex	00850D
RGB	0, 133, 13
RGB Percent	0%, 52%, 5%
CMY	1.0000, 0.4784, 0.9490
CMYK	1.00, 0.00, 0.90, 0.48
HSL	126°, 100%, 26%
HSV	126°, 100%, 52%
XYZ	8.4602, 16.8041, 3.1784
YIQ	79.5530, -40.7480, -65.5160

Conversions

Conversions Part 2

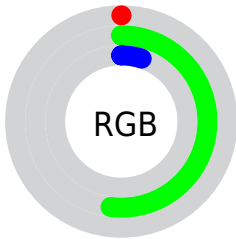
Format	Color
RYB	0, 121, 133
Decimal	34061
CIELab	48.01, -52.67, 48.78
CIELCh	48, 71.791, 137.193
Yxy	16.8048, 0.2974, 0.5908
Android (android.graphics.Color)	4278224141 (0xFF00850D)
YUV	79.5530, -32.8106, -69.7680
Hunter-Lab	40.9928, -34.8983, 24.0979

Details

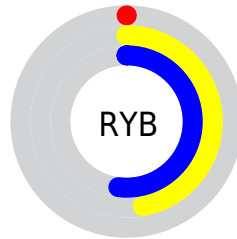
The HunterLab color **40.9928, -34.8983, 24.0979** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **25.1847, 48.5133, -25.4607**, and the grayscale version is **28.2878, -1.5094, 1.5369**.

A 20% lighter version of the original color is **61.5098, -42.4205, 31.4133**, and **24.5654, -21.0648, 14.7683** is the 20% darker color. If you saturate the color by 10%, you get **40.9937, -34.8988, 24.0980**, and if you desaturate by 10%, it is **41.1507, -34.1288, 23.4337**.

Distribution



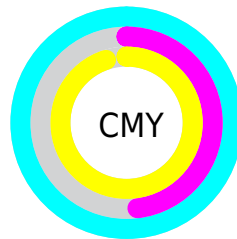
- Red (0%)
- Green (52%)
- Blue (5%)



- Red (0%)
- Yellow (47%)
- Blue (52%)



- Cyan (100%)
- Magenta (0%)
- Yellow (90%)
- Black (48%)



- Cyan (100%)
- Magenta (48%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9928, -34.8983, 24.0979 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 40.9928, -34.8983, 24.0979 by changing the saturation by 10% instead.

■ 40.9928, -34.8983,
24.0979

■ 40.9928, -34.8983,
24.0979

152.9853,
-65.1776, 53.3725

■ 31.7733, -30.6298,
20.0270

■ 61.6359, -42.6053,
31.5379

■ 23.3715, -25.9534,
16.3600

■ 72.9618, -46.1624,
34.9842

■ 15.8775, -20.9319,
11.1143

■ 84.9073, -49.5735,
38.2893

■ 9.4186, -16.4825,
6.5930

■ 97.4418, -52.8651,
41.4766

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.5387,
-56.0570, 44.5647


0.0000, NaN, NaN


■ 124.1750,


0.0000, NaN, NaN


-59.1651, 47.5689


0.0000, NaN, NaN


 138.3299,
-62.2019, 50.5015


 40.9928, -34.8983,
24.0979


 40.9928, -34.8983,
24.0979


 40.9937, -34.8988,
24.0980

 41.1507, -34.1288,
23.4337

 41.3968, -32.9325,
22.4244

 41.7692, -31.1579,
21.0670

 42.2789, -28.7746,
19.3560

 42.9332, -25.7766,
17.2979

■ 43.7362, -22.1785,
14.9097

■ 44.6893, -18.0121,
12.2165

■ 45.7917, -13.3218,
9.2493

■ 47.0405, -8.1602,
6.0424

Harmonies

Analogous

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



40.9937, -17.0341, 27.2595



40.9928, -34.8983, 24.0979



40.9937, -42.8318, 12.1076

Triad

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



40.9937, -34.8988, 24.0980



40.9937, -13.5426, -86.8216



40.9937, 63.6316, 14.7496

Complementary

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



40.9928, -34.8983, 24.0979



25.1847, 48.5133, -25.4607

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.



40.9937, 65.3149, -10.9460



40.9928, -34.8983, 24.0979



40.9937, 15.1234, -84.1108

Square

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



40.9937, -34.8988, 24.0980



40.9937, -32.9418, -56.6129



40.9937, 45.7252, -50.6584



40.9937, 41.6077, 24.9144

Rectangle

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



40.9928, -34.8983, 24.0979



40.9937, -43.3429, -4.7759



40.9937, 45.7252, -50.6584



40.9937, 66.7713, 8.1854

Sweetspot

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



40.9937, -34.8988, 24.0980



59.7090, -24.5067, 16.6058



45.7246, -15.9861, 27.8954



28.1158, -12.6091, 8.5099



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



40.9937, -34.8988, 24.0980



54.8463, -46.7681, 32.4058



41.6171, -31.0191, 14.9436



22.8290, -3.7217, 2.7843



40.0086, -34.0545, 23.5067



2.3644, -1.9449, 1.2433

Inverse Universe

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



25.1847, 48.5133, -25.4607



33.6826, 64.8530, -33.8196



22.9491, 40.5204, 5.3763



21.8064, 1.4474, -0.4057



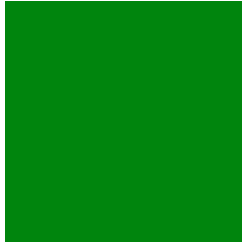
24.5804, 47.3513, -24.8659



1.4662, 2.8547, -1.7181

Previews

White Background



This preview shows how the HunterLab color 40.9928, -34.8983, 24.0979 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 40.9928, -34.8983, 24.0979 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 40.9928, -34.8983, 24.0979 Background



This preview shows how black text looks on a background with the HunterLab color 40.9928, -34.8983, 24.0979.



This preview shows how white text looks on a background with the HunterLab color 40.9928,

-34.8983, 24.0979.

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

40.9928, -34.8983, 24.0979

Protanopia

40.7723, -6.0349, 25.0181

Deuteranopia

40.8212, 2.6264, 23.3170



Tritanopia

41.2035, -15.1746, -7.3308

Trichromacy



Original Color

40.9928, -34.8983, 24.0979

Protanomaly

39.2874, -22.1460, 23.6044

Deuteranomaly

38.7462, -17.8645, 22.2401

Tritanomaly

40.3633, -25.6944, 10.2133

Monochromacy



Original Color

40.9928, -34.8983, 24.0979

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

31.4849, -18.0159, 12.0400

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9928, -34.8983, 24.0979 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, 133, 13)` looks like.

```
.text, #text, p{  
    color:rgb(0, 133, 13)  
}
```

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, 133, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 133, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9928, -34.8983, 24.0979 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, 133, 13) }
```


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

```
.border{ border-color:rgb(0, 133, 13) }
```

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

Here you see how a box with a 4 pixel rgb(0, 133, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 133, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 133, 13);  
box-shadow:4px 4px 4px 4px rgb(0, 133, 13)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 40.9928, -34.8983, 24.0979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 133, 13) }
```

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

```
.background{ background-color: rgb(0, 133,  
13) }
```

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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