

Converting Colors

HunterLab(40.0120, -38.8056,
23.0035)

Have a look what the booklet for
HunterLab(40.0120, -38.8056,
23.0035) contains.

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Color

**HunterLab(41.0190,
-34.7342, 23.7110)**

Conversions

Conversions Part 1

Format	Color
Hex	008514
RGB	0, 133, 20
RGB Percent	0%, 52%, 8%
CMY	1.0000, 0.4784, 0.9215
CMYK	1.00, 0.00, 0.85, 0.48
HSL	129°, 100%, 26%
HSV	129°, 100%, 52%
XYZ	8.5138, 16.8256, 3.4608
YIQ	80.3510, -42.9950, -63.3390

Conversions

Conversions Part 2

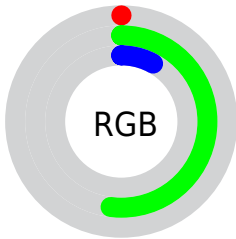
Format	Color
RYB	0, 116, 133
Decimal	34068
CIELab	48.04, -52.32, 47.06
CIELCh	48, 70.367, 138.028
Yxy	16.8263, 0.2956, 0.5842
Android (android.graphics.Color)	4278224148 (0xFF008514)
YUV	80.3510, -29.7530, -70.4678
Hunter-Lab	41.0190, -34.7342, 23.7110

Details

The HunterLab color **41.0190, -34.7342, 23.7110** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **24.8575, 47.3650, -21.1151**, and the grayscale version is **28.5663, -1.5242, 1.5521**.

A 20% lighter version of the original color is **61.5529, -42.1569, 30.7787**, and **24.5654, -21.0648, 14.7683** is the 20% darker color. If you saturate the color by 10%, you get **41.0198, -34.7348, 23.7112**, and if you desaturate by 10%, it is **41.1876, -33.8985, 22.8895**.

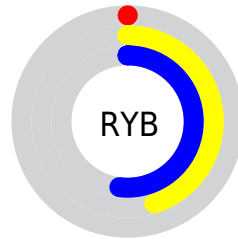
Distribution



Red (0%)

Green (52%)

Blue (8%)



Red (0%)

Yellow (45%)

Blue (52%)

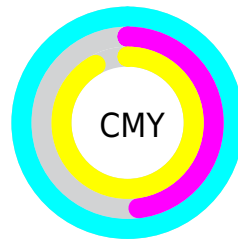


Cyan (100%)

Magenta (0%)

Yellow (85%)

Black (48%)



Cyan (100%)

Magenta (48%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.0190, -34.7342, 23.7110 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 41.0190, -34.7342, 23.7110 by changing the saturation by 10% instead.

■ 41.0190, -34.7342,
23.7110

■ 41.0190, -34.7342,
23.7110

153.0259,
-64.8340, 52.0872

■ 31.7973, -30.4947,
19.7695

■ 61.6659, -42.3914,
30.9106

■ 23.3932, -25.8508,
16.1473

■ 72.9936, -45.9264,
34.2470

■ 15.8966, -20.8444,
11.1276

■ 84.9407, -49.3171,
37.4485

■ 9.4346, -16.5106,
6.6043

■ 97.4768, -52.5893,
40.5377

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.5752,
-55.7631, 43.5330

0.0000, NaN, NaN


■ 124.2129,


0.0000, NaN, NaN


-58.8539, 46.4488


0.0000, NaN, NaN


 138.3692,
-61.8742, 49.2969


 41.0190, -34.7342,
23.7110


 41.0190, -34.7342,
23.7110


 41.0198, -34.7348,
23.7112

 41.1876, -33.8985,
22.8895

 41.4426, -32.6478,
21.7495

 41.8215, -30.8358,
20.2991

 42.3346, -28.4353,
18.5409

 42.9888, -25.4419,
16.4865

■ 43.7881, -21.8709,
14.1556

■ 44.7338, -17.7534,
11.5739

■ 45.8249, -13.1320,
8.7713

■ 47.0589, -8.0574,
5.7797

Harmonies

Analogous

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



41.0198, -17.3971, 27.0944



41.0190, -34.7342, 23.7110



41.0198, -42.3514, 11.4077

Triad

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



41.0198, -34.7347, 23.7111



41.0198, -12.6575, -84.5893



41.0198, 61.6778, 15.0144

Complementary

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



41.0190, -34.7342, 23.7110



24.8575, 47.3650, -21.1151

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.



41.0198, 63.9369, -9.7188



41.0190, -34.7342, 23.7110



41.0198, 15.6142, -80.9796

Square

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



41.0198, -34.7347, 23.7111



41.0198, -32.0611, -56.0604



41.0198, 45.3518, -48.1072



41.0198, 39.8153, 24.8560

Rectangle

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



41.0190, -34.7342, 23.7110



41.0198, -42.7083, -5.4860



41.0198, 45.3518, -48.1072



41.0198, 64.9321, 8.6930

Sweetspot

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



41.0198, -34.7347, 23.7111



59.7693, -24.1554, 15.7335



45.0443, -18.5752, 27.4309



28.1463, -12.4301, 8.0674



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.



41.0198, -34.7347, 23.7111



54.8778, -46.5702, 31.9391



41.7791, -30.0219, 12.5885



22.8371, -3.6761, 2.6674



40.0344, -33.8929, 23.1256



2.3706, -1.9062, 1.1519

Inverse Universe

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



24.8575, 47.3650, -21.1151



33.2363, 63.2862, -27.8881



22.7781, 39.8931, 7.8569



21.7971, 1.3973, -0.2729



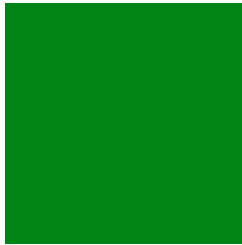
24.2616, 46.2328, -20.6329



1.4561, 2.8197, -1.5865

Previews

White Background



This preview shows how the HunterLab color 41.0190, -34.7342, 23.7110 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 41.0190, -34.7342, 23.7110 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 41.0190, -34.7342, 23.7110 Background



This preview shows how black text looks on a background with the HunterLab color 41.0190, -34.7342, 23.7110.



This preview shows how white text looks on a background with the HunterLab color 41.0190,

-34.7342, 23.7110.

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

41.0190, -34.7342, 23.7110

Protanopia

40.8112, -5.8184, 24.4422

Deuteranopia

40.7325, 2.3688, 22.9378



Tritanopia

41.1689, -15.3060, -7.3818

Trichromacy



Original Color

41.0190, -34.7342, 23.7110

Protanomaly

39.3211, -21.9445, 23.1061

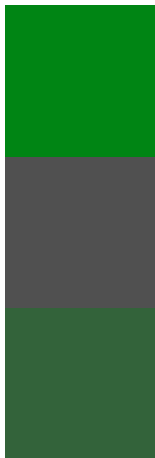
Deuteranomaly

38.7104, -17.9449, 21.7586

Tritanomaly

40.4059, -25.3926, 9.2575

Monochromacy



Original Color

41.0190, -34.7342, 23.7110

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

31.5166, -17.8259, 11.5778

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.0190, -34.7342, 23.7110 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, 20)` looks like.

```
.text, #text, p{  
    color:rgb(0, 133, 20)  
}
```

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, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 133, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 41.0190, -34.7342, 23.7110 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, 20) }
```


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

```
.border{ border-color:rgb(0, 133, 20) }
```

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, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 133, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 133, 20);  
box-shadow:4px 4px 4px 4px rgb(0, 133, 20)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 41.0190, -34.7342, 23.7110 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, 20) }
```

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

```
.background{ background-color: rgb(0, 133,  
20) }
```

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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