

Converting Colors

HunterLab(59.3622, -50.5566,
34.9396)

Have a look what the booklet for
HunterLab(59.3622, -50.5566,
34.9396) contains.

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Color

**HunterLab(59.3091,
-50.5089, 34.9030)**

Conversions

Conversions Part 1

Format	Color
Hex	00BA16
RGB	0, 186, 22
RGB Percent	0%, 73%, 9%
CMY	1.0000, 0.2706, 0.9137
CMYK	1.00, 0.00, 0.88, 0.27
HSL	127°, 100%, 36%
HSV	127°, 100%, 73%
XYZ	17.7037, 35.1757, 6.6155
YIQ	111.6900, -58.2120, -90.4360

Conversions

Conversions Part 2

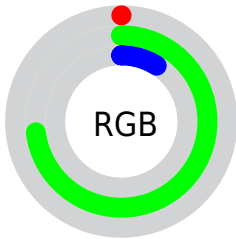
Format	Color
RYB	0, 166, 186
Decimal	47638
CIELab	65.89, -67.41, 62.55
CIELCh	66, 91.960, 137.138
Yxy	35.1772, 0.2976, 0.5912
Android (android.graphics.Color)	4278237718 (0xFF00BA16)
YUV	111.6900, -44.2172, -97.9521
Hunter-Lab	59.3091, -50.5089, 34.9030

Details

The HunterLab color **59.3091, -50.5089, 34.9030** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **36.2211, 69.4287, -33.9517**, and the grayscale version is **40.3154, -2.1511, 2.1904**.

A 20% lighter version of the original color is **82.5025, -59.4680, 43.6203**, and **40.2897, -34.5484, 24.2215** is the 20% darker color. If you saturate the color by 10%, you get **59.3103, -50.5097, 34.9032**, and if you desaturate by 10%, it is **59.4947, -49.5802, 33.9303**.

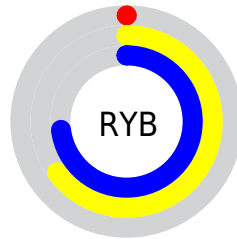
Distribution



Red (0%)

Green (73%)

Blue (9%)



Red (0%)

Yellow (65%)

Blue (73%)

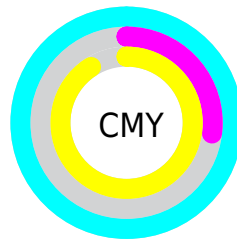


Cyan (100%)

Magenta (0%)

Yellow (88%)

Black (27%)



Cyan (100%)

Magenta (27%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.3091, -50.5089, 34.9030 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 59.3091, -50.5089, 34.9030 by changing the saturation by 10% instead.

■ 59.3091, -50.5089,
34.9030

■ 59.3091, -50.5089,
34.9030

180.3745,
-85.7911, 69.0858

■ 48.7846, -45.7231,
30.3227

■ 82.3165, -59.3383,
43.4347

■ 38.9678, -40.6019,
25.4958

■ 94.7281, -63.4684,
47.4412

■ 29.9153, -35.0470,
20.9407

■ 107.7074,
-67.4505, 51.3064

■ 21.6981, -28.9129,
15.1887

■ 121.2308,
-71.3070, 55.0494

■ 14.4119, -24.8975,
10.0883

■ 135.2770,
-75.0560, 58.6864

■ 8.0725, -14.1269,
5.6508

■ 149.8274,

0.0000, NaN, NaN

-78.7121, 62.2307

0.0000, NaN, NaN

164.8650,
-82.2871, 65.6940

0.0000, NaN, NaN

■ 59.3091, -50.5089,
34.9030

■ 59.3091, -50.5089,
34.9030

■ 59.3103, -50.5097,
34.9032

■ 59.4947, -49.5802,
33.9303

■ 59.8249, -47.9591,
32.4659

■ 60.3422, -45.4796,
30.4947

■ 61.0648, -42.0873,
28.0094

■ 62.0049, -37.7675,
25.0210

■ 63.1695, -32.5392,
21.5555

■ 64.5613, -26.4489,
17.6519

■ 66.1793, -19.5638,
13.3575

■ 68.0191, -11.9645,
8.7247

Harmonies

Analogous

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



59.3103, -24.6105, 39.4563



59.3091, -50.5089, 34.9030



59.3103, -62.0181, 17.5851

Triad

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



59.3103, -50.5097, 34.9032



59.3103, -19.6800, -125.8359



59.3103, 92.2565, 21.3147

Complementary

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



59.3091, -50.5089, 34.9030



36.2211, 69.4287, -33.9517

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.



59.3103, 94.6355, -15.9580



59.3091, -50.5089, 34.9030



59.3103, 21.8336, -122.0030

Square

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



59.3103, -50.5097, 34.9032



59.3103, -47.7472, -81.9639



59.3103, 66.1939, -73.5461



59.3103, 60.3756, 36.0536

Rectangle

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



59.3091, -50.5089, 34.9030



59.3103, -62.7725, -6.8414



59.3103, 66.1939, -73.5461



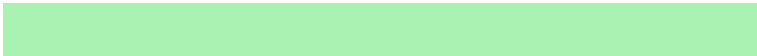
59.3103, 96.7879, 11.7932

Sweetspot

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



59.3103, -50.5097, 34.9032



86.8178, -36.0413, 24.0386



65.6079, -25.2153, 39.9858



40.3541, -18.5971, 12.3525



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



59.3103, -50.5097, 34.9032



79.8375, -68.0714, 47.1566



60.2911, -44.4107, 20.5115



31.7442, -5.3246, 3.9142



48.6531, -41.3897, 28.5364



9.1660, -7.5765, 4.8989

Inverse Universe

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



36.2211, 69.4287, -33.9517



48.7395, 93.3854, -45.3843



33.0126, 57.9248, 10.5587



30.2390, 2.1799, -0.6083



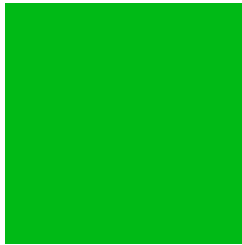
29.7210, 56.9889, -28.0094



5.6268, 10.8629, -5.8739

Previews

White Background



This preview shows how the HunterLab color 59.3091, -50.5089, 34.9030 looks on a white background.

Color Contrast Check

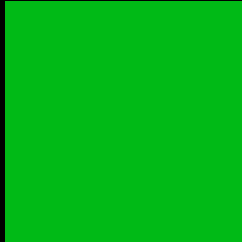
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 59.3091, -50.5089, 34.9030 looks on a 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 ✓ Pass

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

HunterLab 59.3091, -50.5089, 34.9030 Background



This preview shows how black text looks on a background with the HunterLab color 59.3091, -50.5089, 34.9030.



This preview shows how white text looks on a background with the HunterLab color 59.3091, -50.5089, 34.9030.

-50.5089, 34.9030.

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

59.3091, -50.5089, 34.9030

Protanopia

58.6571, -8.1464, 35.6500

Deuteranopia

58.7067, 3.9662, 33.7370



Tritanopia

59.2408, -22.1509, -10.9367

Trichromacy



Original Color

59.3091, -50.5089, 34.9030



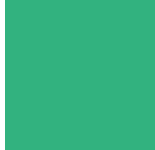
Protanomaly

56.5604, -32.0091, 33.7780



Deuteranomaly

55.8538, -26.2795, 32.0989



Tritanomaly

58.3534, -37.6770, 14.8966

Monochromacy



Original Color

59.3091, -50.5089, 34.9030



Achromatopsia

40.2529, -2.1478, 2.1870



Achromatomaly

45.1324, -26.6075, 17.6270

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.3091, -50.5089, 34.9030 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, 186, 22)` looks like.

```
.text, #text, p{  
    color:rgb(0, 186, 22)  
}
```

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, 186, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 186, 22) }
```

Border

The CSS property to change the border of an element to HunterLab 59.3091, -50.5089, 34.9030 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, 186, 22) }
```


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

```
.border{ border-color:rgb(0, 186, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 186, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 186, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 186, 22);  
box-shadow:4px 4px 4px 4px rgb(0, 186, 22)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 59.3091, -50.5089, 34.9030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 186, 22) }
```

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

```
.background{ background-color: rgb(0, 186,  
22) }
```

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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