

Converting Colors

HunterLab(49.9176, -41.9364,
28.1361)

Have a look what the booklet for
HunterLab(49.9176, -41.9364,
28.1361) contains.

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Color

**HunterLab(49.9176,
-41.9364, 28.1361)**

Conversions

Conversions Part 1

Format	Color
Hex	009F23
RGB	0, 159, 35
RGB Percent	0%, 62%, 14%
CMY	1.0000, 0.3765, 0.8627
CMYK	1.00, 0.00, 0.78, 0.38
HSL	133°, 100%, 31%
HSV	133°, 100%, 62%
XYZ	12.7016, 24.9177, 5.7303
YIQ	97.3230, -54.9600, -72.2720

Conversions

Conversions Part 2

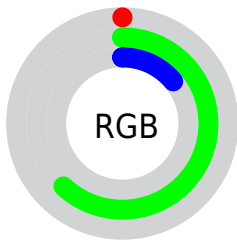
Format	Color
RYB	0, 130, 159
Decimal	40739
CIELab	57.00, -59.01, 50.90
CIELCh	57, 77.928, 139.216
Yxy	24.9187, 0.2930, 0.5748
Android (android.graphics.Color)	4278230819 (0xFF009F23)
YUV	97.3230, -30.7252, -85.3523
Hunter-Lab	49.9176, -41.9364, 28.1361

Details

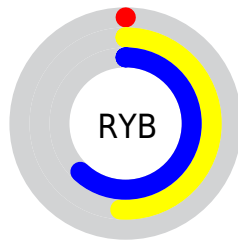
The HunterLab color **49.9176, -41.9364, 28.1361** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **29.7095, 55.7759, -18.7715**, and the grayscale version is **34.8223, -1.8580, 1.8920**.

A 20% lighter version of the original color is **71.7606, -50.1617, 35.5316**, and **32.1062, -27.5310, 19.3017** is the 20% darker color. If you saturate the color by 10%, you get **49.9186, -41.9372, 28.1365**, and if you desaturate by 10%, it is **50.1150, -40.9276, 26.9314**.

Distribution



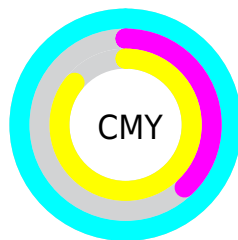
- Red (0%)
- Green (62%)
- Blue (14%)



- Red (0%)
- Yellow (51%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (78%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9176, -41.9364, 28.1361 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 49.9176, -41.9364, 28.1361 by changing the saturation by 10% instead.

■ 49.9176, -41.9364,
28.1361

■ 49.9176, -41.9364,
28.1361

166.5631,
-74.2843, 57.5522

■ 40.0206, -37.4795,
24.1388

■ 71.7811, -50.0864,
35.5132

■ 30.8801, -32.6643,
19.8867

■ 83.6651, -53.8778,
38.9594

■ 22.5661, -27.3666,
15.7963

■ 96.1409, -57.5254,
42.2788

■ 15.1708, -22.4549,
10.6195

■ 109.1818,
-61.0531, 45.4912

■ 8.8006, -15.4011,
6.1605

■ 122.7641,
-64.4793, 48.6127

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.8672,

-67.8189, 51.6564

0.0000, NaN, NaN

151.4724,
-71.0840, 54.6333

0.0000, NaN, NaN

■ 49.9176, -41.9364,
28.1361

■ 49.9176, -41.9364,
28.1361

■ 49.9186, -41.9372,
28.1365

■ 50.1150, -40.9276,
26.9314

■ 50.4236, -39.3938,
25.3861

■ 50.8813, -37.1914,
23.5166

■ 51.5011, -34.2858,
21.3348

■ 52.2919, -30.6711,
18.8608

■ 53.2586, -26.3645,
16.1220

■ 54.4031, -21.4030,
13.1508

■ 55.7244, -15.8374,
9.9825

■ 57.2194, -9.7283,
6.6533

Harmonies

Analogous

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



49.9186, -21.7355, 32.6346



49.9176, -41.9364, 28.1361



49.9186, -50.6626, 12.6700

Triad

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



49.9186, -41.9370, 28.1363



49.9186, -13.9030, -99.1078



49.9186, 71.7366, 18.6772

Complementary

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



49.9176, -41.9364, 28.1361



29.7095, 55.7759, -18.7715

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.



49.9186, 75.4106, -9.8308



49.9176, -41.9364, 28.1361



49.9186, 19.7799, -93.3012

Square

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



49.9186, -41.9370, 28.1363



49.9186, -37.4797, -67.1807



49.9186, 54.4760, -54.3322



49.9186, 45.4475, 30.1138

Rectangle

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



49.9176, -41.9364, 28.1361



49.9186, -50.8335, -7.8526



49.9186, 54.4760, -54.3322



49.9186, 75.8731, 11.3854

Sweetspot

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



49.9186, -41.9370, 28.1363



72.7093, -29.0443, 17.8337



53.9664, -25.6726, 32.8043



34.2237, -15.0817, 9.2308



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



49.9186, -41.9370, 28.1363



66.7840, -56.2350, 37.9210



51.0011, -35.2367, 12.3192



27.2466, -4.3936, 3.0393



44.3691, -37.2319, 24.9154



5.9797, -4.6869, 2.6436

Inverse Universe

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



29.7095, 55.7759, -18.7715



39.7199, 74.5067, -24.6064



27.4976, 47.7803, 12.4158



25.9414, 1.6789, -0.1642



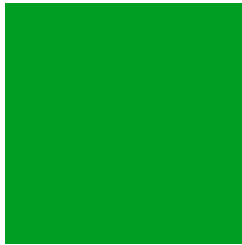
26.4150, 49.6116, -16.8464



3.6121, 6.9161, -3.3266

Previews

White Background



This preview shows how the HunterLab color 49.9176, -41.9364, 28.1361 looks on a white background.

Color Contrast Check

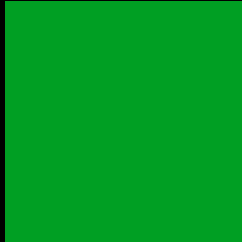
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.9176, -41.9364, 28.1361 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 × Fail

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

HunterLab 49.9176, -41.9364, 28.1361 Background



This preview shows how black text looks on a background with the HunterLab color 49.9176, -41.9364, 28.1361.



This preview shows how white text looks on a background with the HunterLab color 49.9176, -41.9364, 28.1361.

-41.9364, 28.1361.

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

49.9176, -41.9364, 28.1361

Protanopia

49.4665, -6.5918, 28.9724

Deuteranopia

49.4570, 3.5405, 27.1849



Tritanopia

49.8760, -18.6335, -9.1279

Trichromacy



Original Color

49.9176, -41.9364, 28.1361



Protanomaly

47.5256, -26.2671, 27.2080



Deuteranomaly

47.0306, -21.5828, 25.7209



Tritanomaly

49.1798, -30.6140, 10.2144

Monochromacy



Original Color

49.9176, -41.9364, 28.1361



Achromatopsia

34.5743, -1.8448, 1.8785



Achromatomaly

38.6672, -21.7854, 13.5113

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9176, -41.9364, 28.1361 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, 159, 35)` looks like.

```
.text, #text, p{  
    color:rgb(0, 159, 35)  
}
```

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, 159, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 159, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9176, -41.9364, 28.1361 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, 159, 35) }
```


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

```
.border{ border-color:rgb(0, 159, 35) }
```

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

Here you see how a box with a 4 pixel rgb(0, 159, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 159, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 159, 35);  
box-shadow:4px 4px 4px 4px rgb(0, 159, 35)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 49.9176, -41.9364, 28.1361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 159, 35) }
```

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

```
.background{ background-color: rgb(0, 159,  
35) }
```

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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