

Converting Colors

HunterLab(45.7029, -41.9668,
18.5449)

Have a look what the booklet for
HunterLab(45.7029, -41.9668,
18.5449) contains.

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Color

**HunterLab(46.9220,
-36.2655, 19.6384)**

Conversions

Conversions Part 1

Format	Color
Hex	00954C
RGB	0, 149, 76
RGB Percent	0%, 58%, 30%
CMY	1.0000, 0.4157, 0.7020
CMYK	1.00, 0.00, 0.49, 0.42
HSL	151°, 100%, 29%
HSV	151°, 100%, 58%
XYZ	12.0520, 22.0167, 10.4520
YIQ	96.1270, -65.3710, -54.2910

Conversions

Conversions Part 2

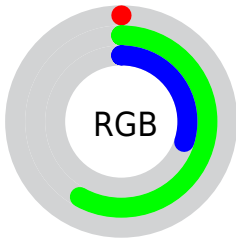
Format	Color
RYB	0, 99, 149
Decimal	38220
CIELab	54.05, -50.72, 29.19
CIELCh	54, 58.523, 150.079
Yxy	22.0176, 0.2707, 0.4945
Android (android.graphics.Color)	4278228300 (0xFF00954C)
YUV	96.1270, -9.9226, -84.3034
Hunter-Lab	46.9220, -36.2655, 19.6384

Details

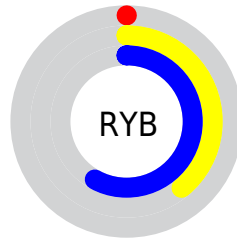
The HunterLab color **46.9220, -36.2655, 19.6384** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **26.2127, 46.7242, 2.7104**, and the grayscale version is **34.3031, -1.8303, 1.8637**.

A 20% lighter version of the original color is **68.2813, -43.4063, 24.1753**, and **29.3906, -24.1250, 15.3431** is the 20% darker color. If you saturate the color by 10%, you get **46.9229, -36.2664, 19.6393**, and if you desaturate by 10%, it is **47.1442, -35.1120, 18.0661**.

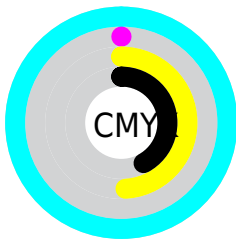
Distribution



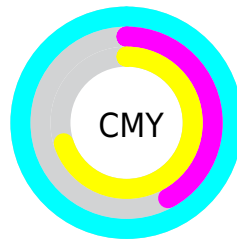
- Red (0%)
- Green (58%)
- Blue (30%)



- Red (0%)
- Yellow (39%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.9220, -36.2655, 19.6384 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 46.9220, -36.2655, 19.6384 by changing the saturation by 10% instead.

■ 46.9220, -36.2655,
19.6384

■ 46.9220, -36.2655,
19.6384

162.0612,
-64.9549, 38.6367

■ 37.2423, -32.3331,
17.1695

■ 68.3923, -43.4586,
24.2390

■ 28.3376, -28.0785,
14.5366

■ 80.0960, -46.8104,
26.4200

■ 20.2837, -23.3793,
11.6919

■ 92.4001, -50.0399,
28.5438

■ 13.1822, -19.8230,
9.2275

■ 105.2769,
-53.1684, 30.6222

■ 6.6924, -11.7117,
4.6847

■ 118.7017,
-56.2123, 32.6642

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 132.6532,

-59.1847, 34.6770

0.0000, NaN, NaN

147.1121,
-62.0961, 36.6663

0.0000, NaN, NaN

■ 46.9220, -36.2655,
19.6384

■ 46.9220, -36.2655,
19.6384

■ 46.9229, -36.2664,
19.6393

■ 47.1442, -35.1120,
18.0661

■ 47.4525, -33.5801,
16.3974

■ 47.8822, -31.5389,
14.6740

■ 48.4441, -28.9621,
12.9200

■ 49.1456, -25.8437,
11.1595

■ 49.9911, -22.1947,
9.4150

■ 50.9826, -18.0398,
7.7075

■ 52.1200, -13.4141,
6.0556

■ 53.4014, -8.3597,
4.4749

Harmonies

Analogous

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



46.9229, -23.5269, 26.9154



46.9220, -36.2655, 19.6384



46.9229, -40.4060, 2.4937

Triad

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



46.9229, -36.2660, 19.6387



46.9229, -2.4427, -66.2707



46.9229, 44.6483, 19.6988

Complementary

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



46.9220, -36.2655, 19.6384



26.2127, 46.7242, 2.7104

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.



46.9229, 53.3403, 2.6145



46.9220, -36.2655, 19.6384



46.9229, 23.0225, -53.7667

Square

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



46.9229, -36.2660, 19.6387



46.9229, -23.4371, -53.8885



46.9229, 44.7349, -25.1498



46.9229, 22.8901, 26.9358

Rectangle

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



46.9220, -36.2655, 19.6384



46.9229, -38.5506, -15.2191



46.9229, 44.7349, -25.1498



46.9229, 49.3697, 15.2970

Sweetspot

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



46.9229, -36.2660, 19.6387



68.1385, -24.5002, 10.4523



47.9288, -33.1846, 28.9524



31.8307, -12.5575, 5.3264



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



46.9229, -36.2660, 19.6387



62.7635, -48.7121, 26.7065



48.6475, -25.7904, -5.1307



25.5242, -3.7867, 2.0759



43.0536, -33.2272, 17.9147



4.8252, -3.2941, 1.0799

Inverse Universe

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



26.2127, 46.7242, 2.7104



35.0260, 62.3394, 4.3674



25.2784, 43.2888, 16.3339



24.2073, 1.2322, 0.6737



24.0595, 42.9102, 2.3094



2.7708, 5.1403, -1.2735

Previews

White Background



This preview shows how the HunterLab color 46.9220, -36.2655, 19.6384 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 46.9220, -36.2655, 19.6384 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 46.9220, -36.2655, 19.6384 Background



This preview shows how black text looks on a background with the HunterLab color 46.9220, -36.2655, 19.6384.



This preview shows how white text looks on a background with the HunterLab color 46.9220, -36.2655, 19.6384.

-36.2655, 19.6384.

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

46.9220, -36.2655, 19.6384

Protanopia

46.7771, -5.2361, 21.5958

Deuteranopia

46.6466, 3.1742, 18.3972



Tritanopia

47.1027, -18.4624, -8.6906

Trichromacy



Original Color

46.9220, -36.2655, 19.6384

Protanomaly

44.9998, -22.4613, 19.2577

Deuteranomaly

44.4234, -18.0921, 16.9275

Tritanomaly

46.6656, -26.8174, 4.0582

Monochromacy



Original Color

46.9220, -36.2655, 19.6384

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

37.3829, -18.3473, 7.7242

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.9220, -36.2655, 19.6384 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, 149, 76)` looks like.

```
.text, #text, p{  
    color:rgb(0, 149, 76)  
}
```

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, 149, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 149, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 46.9220, -36.2655, 19.6384 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, 149, 76) }
```


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

```
.border{ border-color:rgb(0, 149, 76) }
```

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

Here you see how a box with a 4 pixel rgb(0, 149, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 149, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 149, 76);  
box-shadow:4px 4px 4px 4px rgb(0, 149, 76)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 46.9220, -36.2655, 19.6384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 149, 76) }
```

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

```
.background{ background-color: rgb(0, 149,  
76) }
```

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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