

Converting Colors

HunterLab(48.7697, -36.7386,
21.3562)

Have a look what the booklet for
HunterLab(48.7697, -36.7386,
21.3562) contains.

HunterLab(48.8676, -36.8190, 21.3911)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(48.8676,
-36.8190, 21.3911)**

Conversions

Conversions Part 1

Format	Color
Hex	1D9A4B
RGB	29, 154, 75
RGB Percent	11%, 60%, 29%
CMY	0.8863, 0.3961, 0.7059
CMYK	0.81, 0.00, 0.51, 0.40
HSL	142°, 68%, 36%
HSV	142°, 81%, 60%
XYZ	13.3323, 23.8804, 10.5633
YIQ	107.6190, -49.1410, -51.0690

Conversions

Conversions Part 2

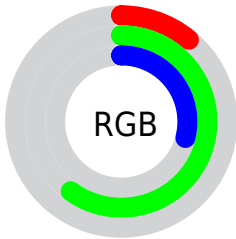
Format	Color
R _Y B	29, 120, 154
Decimal	1940043
CIE Lab	55.97, -50.41, 32.18
CIE LCh	56, 59.812, 147.447
Yxy	23.8814, 0.2791, 0.4998
Android (android.graphics.Color)	4280130123 (0xFF1D9A4B)
YUV	107.6190, -16.0812, -68.9489
Hunter-Lab	48.8676, -36.8190, 21.3911

Details

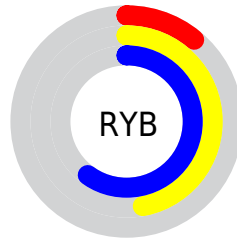
The HunterLab color $48.8676, -36.8190, 21.3911$ is a dark color, and the websafe version is hex 339933 . A complement of this color would be $29.7186, 46.9370, -9.1722$, and the grayscale version is $38.6533, -2.0624, 2.1001$.

A 20% lighter version of the original color is $70.7536, -44.1672, 26.5663$, and $30.6374, -25.3495, 16.4282$ is the 20% darker color. If you saturate the color by 10%, you get $48.5666, -38.3400, 23.1000$, and if you desaturate by 10%, it is $49.3034, -34.7209, 19.5037$.

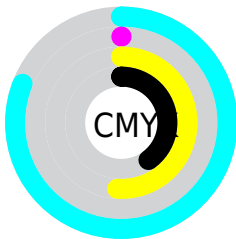
Distribution



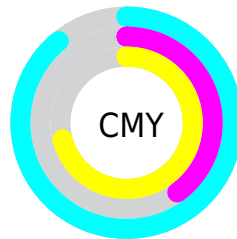
- Red (11%)
- Green (60%)
- Blue (29%)



- Red (11%)
- Yellow (47%)
- Blue (60%)



- Cyan (81%)
- Magenta (0%)
- Yellow (51%)
- Black (40%)



- Cyan (89%)
- Magenta (40%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.8676, -36.8190, 21.3911 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 48.8676, -36.8190, 21.3911 by changing the saturation by 10% instead.

■ 48.8676, -36.8190,
21.3911

■ 48.8676, -36.8190,
21.3911

164.9910,
-65.1805, 41.7260

■ 39.0457, -32.9608,
18.7315

■ 70.5950, -43.9014,
26.3414

■ 29.9866, -28.8008,
15.8966

■ 82.4165, -47.2100,
28.6832

■ 21.7622, -24.2276,
12.8355

■ 94.8329, -50.4019,
30.9601

■ 14.4678, -19.7719,
10.1275

■ 107.8168,
-53.4972, 33.1844

■ 8.1289, -14.2256,
5.6902

■ 121.3445,
-56.5115, 35.3662

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 135.3950,

-59.4571, 37.5130

0.0000, NaN, NaN

149.9495,
-62.3440, 39.6313

0.0000, NaN, NaN

■ 48.8676, -36.8190,
21.3911

■ 48.8676, -36.8190,
21.3911

■ 48.5666, -38.3400,
23.1000

■ 49.3034, -34.7209,
19.5037

■ 48.3779, -39.3282,
24.4301

■ 49.8831, -32.0128,
17.4593

■ 50.6160, -28.6879,
15.2832

■ 51.5069, -24.7592,
13.0022

■ 52.5580, -20.2560,
10.6443

■ 53.7689, -15.2199,
8.2365

■ 55.1373, -9.7006,
5.8046

■ 56.6594, -3.7528,
3.3717

■ 58.3298, 2.5677,
0.9577

Harmonies

Analogous

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



48.8686, -22.8086, 28.2967



48.8676, -36.8190, 21.3911



48.8686, -41.8843, 4.6492

Triad

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



48.8686, -36.8196, 21.3914



48.8686, -4.7284, -68.3850



48.8686, 47.6471, 19.3618

Complementary

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



48.8676, -36.8190, 21.3911



29.7186, 46.9370, -9.1722

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.



48.8686, 55.1208, 0.5837



48.8676, -36.8190, 21.3911



48.8686, 21.5172, -57.6137

Square

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



48.8686, -36.8196, 21.3914



48.8686, -25.8308, -53.5325



48.8686, 44.7382, -28.8053



48.8686, 25.9650, 27.6059

Rectangle

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



48.8676, -36.8190, 21.3911



48.8686, -40.4620, -13.0898



48.8686, 44.7382, -28.8053



48.8686, 52.0728, 14.4564

Sweetspot

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



48.8686, -36.8196, 21.3914



71.9040, -22.8381, 12.1817



51.3806, -27.4422, 29.8385



33.9498, -11.9429, 6.3106



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



48.8686, -36.8196, 21.3914



65.2471, -52.7899, 32.7393



50.1888, -28.7830, 2.3140



26.3843, -4.0820, 2.5376



43.6735, -35.4519, 21.9424



5.4017, -3.9524, 1.7804

Inverse Universe

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



29.7186, 46.9370, -9.1722



37.6969, 67.9054, -8.5456



28.1848, 40.9440, 12.7183



25.0700, 1.4447, 0.2830



25.1245, 45.8731, -5.8315



3.1833, 6.0063, -2.2430

Previews

White Background



This preview shows how the HunterLab color 48.8676, -36.8190, 21.3911 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 48.8676, -36.8190, 21.3911 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 48.8676, -36.8190, 21.3911 Background



This preview shows how black text looks on a background with the HunterLab color 48.8676, -36.8190, 21.3911.



This preview shows how white text looks on a background with the HunterLab color 48.8676, -36.8190, 21.3911.

-36.8190, 21.3911.

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

48.8676, -36.8190, 21.3911

Protanopia

48.3689, -5.4366, 23.0058

Deuteranopia

48.3374, 3.3362, 20.0523



Tritanopia

48.7944, -18.1115, -9.0097

Trichromacy



Original Color

48.8676, -36.8190, 21.3911

Protanomaly

47.3790, -21.2353, 21.3631

Deuteranomaly

46.8685, -16.6388, 19.2313

Tritanomaly

48.4171, -26.3441, 4.7855

Monochromacy



Original Color

48.8676, -36.8190, 21.3911

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

41.4416, -17.9522, 9.3893

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8676, -36.8190, 21.3911 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(29, 154, 75)` looks like.

```
.text, #text, p{  
    color:rgb(29, 154, 75)  
}
```

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(29, 154, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 154, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8676, -36.8190, 21.3911 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(29, 154, 75) }
```


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

```
.border{ border-color:rgb(29, 154, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 154, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 154, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 154, 75);  
box-shadow:4px 4px 4px 4px rgb(29, 154,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8676, -36.8190, 21.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 154, 75) }
```

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

```
.background{ background-color: rgb(29, 154,  
75) }
```

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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