

Converting Colors

HunterLab(49.4742, -36.5583,
18.6080)

Have a look what the booklet for
HunterLab(49.4742, -36.5583,
18.6080) contains.

HunterLab(49.6353, -36.6577, 18.6537)	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(49.6353,
-36.6577, 18.6537)**

Conversions

Conversions Part 1

Format	Color
Hex	139C59
RGB	19, 156, 89
RGB Percent	7%, 61%, 35%
CMY	0.9255, 0.3882, 0.6510
CMYK	0.88, 0.00, 0.43, 0.39
HSL	151°, 78%, 34%
HSV	151°, 88%, 61%
XYZ	13.9602, 24.6366, 13.4708
YIQ	107.3990, -60.1450, -49.8810

Conversions

Conversions Part 2

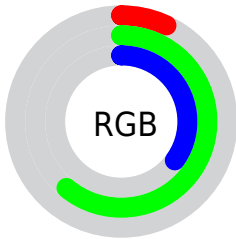
Format	Color
R_{YB}	19, 110, 156
Decimal	1285209
CIE _{Lab}	56.72, -49.64, 25.72
CIE _{LCh}	57, 55.908, 152.608
Yxy	24.6376, 0.2681, 0.4732
Android (android.graphics.Color)	4279475289 (0xFF139C59)
YUV	107.3990, -9.0707, -77.5259
Hunter-Lab	49.6353, -36.6577, 18.6537

Details

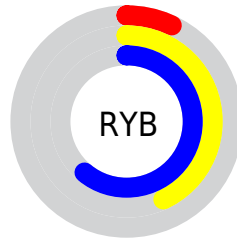
The HunterLab color **49.6353, -36.6577, 18.6537** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **28.6462, 47.2233, 0.2538**, and the grayscale version is **38.5470, -2.0568, 2.0943**.

A 20% lighter version of the original color is **71.5931, -43.7815, 22.8016**, and **31.4128, -25.0367, 14.7837** is the 20% darker color. If you saturate the color by 10%, you get **49.3958, -37.9085, 20.3418**, and if you desaturate by 10%, it is **49.9845, -34.9445, 16.8804**.

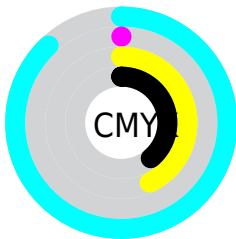
Distribution



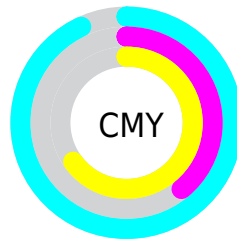
- Red (7%)
- Green (61%)
- Blue (35%)



- Red (7%)
- Yellow (43%)
- Blue (61%)



- Cyan (88%)
- Magenta (0%)
- Yellow (43%)
- Black (39%)



- Cyan (93%)
- Magenta (39%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6353, -36.6577, 18.6537 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 49.6353, -36.6577, 18.6537 by changing the saturation by 10% instead.

■ 49.6353, -36.6577,
18.6537

■ 49.6353, -36.6577,
18.6537

166.1410,
-64.5854, 35.9220

■ 39.7584, -32.8748,
16.4684

■ 71.4624, -43.6145,
22.7678

■ 30.6396, -28.8025,
14.1562

■ 83.3296, -46.8692,
24.7354

■ 22.3496, -24.3350,
11.6680

■ 95.7895, -50.0115,
26.6611

■ 14.9812, -19.6922,
9.6272

■ 108.8151,
-53.0608, 28.5542

■ 8.6256, -15.0948,
6.0379

■ 122.3829,
-56.0319, 30.4217

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.4719,

-58.9370, 32.2694

0.0000, NaN, NaN

151.0635,
-61.7855, 34.1016

0.0000, NaN, NaN

■ 49.6353, -36.6577,
18.6537

■ 49.6353, -36.6577,
18.6537

■ 49.3958, -37.9085,
20.3418

■ 49.9845, -34.9445,
16.8804

■ 49.3484, -38.1575,
20.6899

■ 50.4638, -32.6843,
15.0542

■ 51.0850, -29.8539,
13.2014

■ 51.8552, -26.4508,
11.3470

■ 52.7786, -22.4897,
9.5149

■ 53.8568, -17.9993,
7.7268

■ 55.0894, -13.0188,
6.0019

■ 56.4739, -7.5944,
4.3560

■ 58.0066, -1.7756,
2.8019

Harmonies

Analogous

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



49.6363, -24.6745, 26.9456



49.6353, -36.6577, 18.6537



49.6363, -40.1212, 0.7118

Triad

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



49.6363, -36.6582, 18.6540



49.6363, -0.5843, -62.0253



49.6363, 41.2961, 20.6952

Complementary

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



49.6353, -36.6577, 18.6537



28.6462, 47.2233, 0.2538

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.



49.6363, 50.8599, 4.6128



49.6353, -36.6577, 18.6537



49.6363, 24.0402, -48.6683

Square

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



49.6363, -36.6582, 18.6540



49.6363, -21.7280, -52.4135



49.6363, 44.0277, -21.3422



49.6363, 19.8283, 27.6814

Rectangle

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



49.6353, -36.6577, 18.6537



49.6363, -37.7760, -16.7623



49.6363, 44.0277, -21.3422



49.6363, 46.1726, 16.5168

Sweetspot

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



49.6363, -36.6582, 18.6540



72.7860, -23.4188, 10.1050



50.8679, -32.9289, 30.0497



33.9110, -11.9384, 5.0951



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.



49.6363, -36.6582, 18.6540



66.4755, -51.6099, 28.3224



51.2998, -26.5912, -5.2075



27.3035, -4.0764, 2.2261



44.7945, -34.5816, 18.6625



6.0607, -4.1879, 1.4652

Inverse Universe

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



28.6462, 47.2233, 0.2538



37.0850, 65.9782, 4.8246



27.5339, 42.9745, 16.3914



25.8795, 1.3469, 0.7156



25.0239, 44.6131, 2.5352



3.4712, 6.4170, -1.4188

Previews

White Background



This preview shows how the HunterLab color 49.6353, -36.6577, 18.6537 looks on a white background.

Color Contrast Check

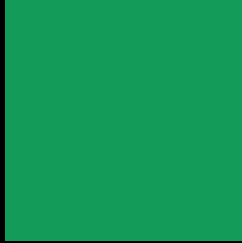
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.6353, -36.6577, 18.6537 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 49.6353, -36.6577, 18.6537 Background



This preview shows how black text looks on a background with the HunterLab color 49.6353, -36.6577, 18.6537.



This preview shows how white text looks on a background with the HunterLab color 49.6353, -36.6577, 18.6537.

-36.6577, 18.6537.

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

49.6353, -36.6577, 18.6537

Protanopia

49.2117, -5.0097, 20.8575

Deuteranopia

49.0956, 3.5724, 17.2405



Tritanopia

49.6775, -19.3891, -9.4214

Trichromacy



Original Color

49.6353, -36.6577, 18.6537

Protanomaly

48.0122, -21.6012, 18.8490

Deuteranomaly

47.4413, -17.1210, 15.9910

Tritanomaly

49.4088, -27.0296, 2.9075

Monochromacy



Original Color

49.6353, -36.6577, 18.6537

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

41.3318, -18.1934, 7.8549

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6353, -36.6577, 18.6537 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(19, 156, 89)` looks like.

```
.text, #text, p{  
  color:rgb(19, 156, 89)  
}
```

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(19, 156, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 156, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6353, -36.6577, 18.6537 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(19, 156, 89) }
```


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

```
.border{ border-color:rgb(19, 156, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 156, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 156, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 156, 89);  
box-shadow:4px 4px 4px 4px rgb(19, 156,  
89) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6353, -36.6577, 18.6537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 156, 89) }
```

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

```
.background{ background-color: rgb(19, 156,  
89) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor