

Converting Colors

HunterLab(49.2279, -47.8614,
11.5551)

Have a look what the booklet for
HunterLab(49.2279, -47.8614,
11.5551) contains.

HunterLab(51.9503, -36.6605, 14.2061)	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(51.9503,
-36.6605, 14.2061)**

Conversions

Conversions Part 1

Format	Color
Hex	00A26F
RGB	0, 162, 111
RGB Percent	0%, 64%, 44%
CMY	1.0000, 0.3647, 0.5647
CMYK	1.00, 0.00, 0.31, 0.36
HSL	161°, 100%, 32%
HSV	161°, 100%, 64%
XYZ	15.7896, 26.9883, 19.4160
YIQ	107.7480, -80.1810, -50.2050

Conversions

Conversions Part 2

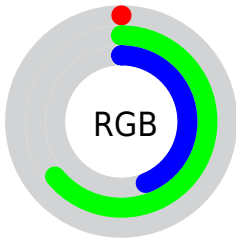
Format	Color
RYB	0, 96, 162
Decimal	41583
CIELab	58.96, -48.26, 16.68
CIELCh	59, 51.057, 160.937
Yxy	26.9894, 0.2539, 0.4339
Android (android.graphics.Color)	4278231663 (0xFF00A26F)
YUV	107.7480, 1.6032, -94.4950
Hunter-Lab	51.9503, -36.6605, 14.2061

Details

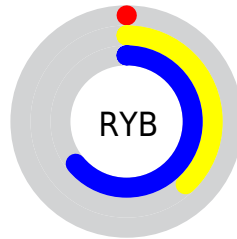
The HunterLab color **51.9503, -36.6605, 14.2061** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **28.1443, 49.0454, 11.6000**, and the grayscale version is **38.6467, -2.0621, 2.0997**.

A 20% lighter version of the original color is **74.1020, -43.4368, 17.1766**, and **33.6098, -25.0084, 11.9766** is the 20% darker color. If you saturate the color by 10%, you get **51.9512, -36.6617, 14.2076**, and if you desaturate by 10%, it is **52.1699, -35.5388, 12.7113**.

Distribution



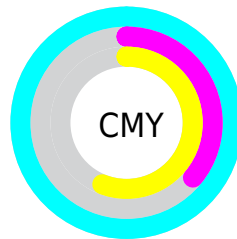
- Red (0%)
- Green (64%)
- Blue (44%)



- Red (0%)
- Yellow (38%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.9503, -36.6605, 14.2061 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 51.9503, -36.6605, 14.2061 by changing the saturation by 10% instead.

■ 51.9503, -36.6605,
14.2061

■ 51.9503, -36.6605,
14.2061

169.5894,
-63.7532, 27.3815

■ 41.9109, -33.0291,
12.6561

■ 74.0722, -43.3692,
17.2053

■ 32.6164, -29.1366,
11.0499

■ 86.0749, -46.5191,
18.6743

■ 24.1334, -24.8901,
9.3600

■ 98.6640, -49.5659,
20.1321

■ 16.5483, -20.1420,
7.5401

■ 111.8132,
-52.5271, 21.5832

■ 9.9838, -17.4717,
6.9887

■ 125.4996,
-55.4165, 23.0313

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.7030,

-58.2450, 24.4789

0.0000, NaN, NaN

154.4050,
-61.0215, 25.9284

0.0000, NaN, NaN

■ 51.9503, -36.6605,
14.2061

■ 51.9503, -36.6605,
14.2061

■ 51.9512, -36.6617,
14.2076

■ 52.1699, -35.5388,
12.7113

■ 52.4793, -34.0399,
11.2312

■ 52.9142, -32.0332,
9.8127

■ 53.4871, -29.4853,
8.4807

■ 54.2065, -26.3839,
7.2571

■ 55.0780, -22.7343,
6.1599

■ 56.1045, -18.5563,
5.2036

■ 57.2866, -13.8812,
4.3986

■ 58.6231, -8.7486,
3.7516

Harmonies

Analogous

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



51.9513, -27.4145, 24.7843



51.9503, -36.6605, 14.2061



51.9513, -37.7624, -5.2920

Triad

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



51.9513, -36.6609, 14.2065



51.9513, 5.3921, -53.2886



51.9513, 32.7062, 22.7111

Complementary

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



51.9503, -36.6605, 14.2061



28.1443, 49.0454, 11.6000

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.



51.9513, 44.9416, 9.8175



51.9503, -36.6605, 14.2061



51.9513, 27.5337, -37.0490

Square

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



51.9513, -36.6609, 14.2065



51.9513, -15.7291, -50.5096



51.9513, 42.9068, -11.9007



51.9513, 11.5882, 28.1136

Rectangle

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



51.9503, -36.6605, 14.2061



51.9513, -33.9747, -22.0354



51.9513, 42.9068, -11.9007



51.9513, 38.1396, 19.3921

Sweetspot

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



51.9513, -36.6609, 14.2065



75.5071, -25.3463, 7.0802



51.5301, -40.6365, 31.0408



35.5111, -13.1153, 3.5916



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



51.9513, -36.6609, 14.2065



69.9692, -49.5657, 19.5426



43.8109, -16.3098, -19.5507



28.2367, -4.0208, 1.7844



46.1195, -32.4868, 12.4843



6.7445, -4.3483, 0.9568

Inverse Universe

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



28.1443, 49.0454, 11.6000



37.8761, 65.9223, 16.2701



29.3183, 42.1971, 18.8038



26.6852, 1.2040, 1.2690



24.9939, 43.5846, 10.0909



3.7346, 6.7254, -0.1431

Previews

White Background



This preview shows how the HunterLab color 51.9503, -36.6605, 14.2061 looks on a white background.

Color Contrast Check

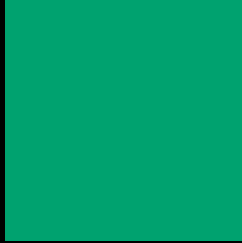
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.9503, -36.6605, 14.2061 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 51.9503, -36.6605, 14.2061 Background



This preview shows how black text looks on a background with the HunterLab color 51.9503, -36.6605, 14.2061.



This preview shows how white text looks on a background with the HunterLab color 51.9503, -36.6605, 14.2061.

-36.6605, 14.2061.

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

51.9503, -36.6605, 14.2061

Protanopia

51.6570, -4.4548, 17.3250

Deuteranopia

51.6519, 3.3287, 12.5676



Tritanopia

52.0047, -21.4273, -10.0108

Trichromacy



Original Color

51.9503, -36.6605, 14.2061



Protanomaly

50.0562, -22.6009, 14.6187



Deuteranomaly

49.4284, -18.1423, 10.6842



Tritanomaly

51.8822, -28.2236, -0.0696

Monochromacy



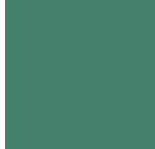
Original Color

51.9503, -36.6605, 14.2061



Achromatopsia

38.7246, -2.0663, 2.1040



Achromatomaly

42.1991, -19.1395, 5.3402

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.9503, -36.6605, 14.2061 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, 162, 111)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 111)  
}
```

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, 162, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 51.9503, -36.6605, 14.2061 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, 162, 111) }
```


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

```
.border{ border-color:rgb(0, 162, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 162, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 111);  
box-shadow:4px 4px 4px 4px rgb(0, 162,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.9503, -36.6605, 14.2061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 162, 111) }
```

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

```
.background{ background-color: rgb(0, 162,  
111) }
```

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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