

Converting Colors

HunterLab(51.9372, -13.2530,
16.0733)

Have a look what the booklet for
HunterLab(51.9372, -13.2530,
16.0733) contains.

HunterLab(52.0055, -13.6054, 16.2617)	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(52.0055,
-13.6054, 16.2617)**

Conversions

Conversions Part 1

Format	Color
Hex	83946A
RGB	131, 148, 106
RGB Percent	51%, 58%, 42%
CMY	0.4863, 0.4196, 0.5843
CMYK	0.11, 0.00, 0.28, 0.42
HSL	84°, 17%, 50%
HSV	84°, 28%, 58%
XYZ	22.5515, 27.0457, 17.6674
YIQ	138.1290, 3.3500, -16.6660

Conversions

Conversions Part 2

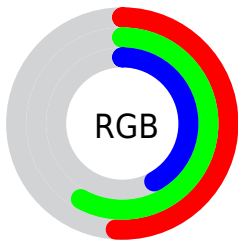
Format	Color
R_YB	106, 148, 123
Decimal	8623210
CIE Lab	59.02, -13.81, 20.25
CIE LCh	59, 24.514, 124.287
Yxy	27.0469, 0.3353, 0.4021
Android (android.graphics.Color)	4286813290 (0xFF83946A)
YUV	138.1290, -15.8396, -6.2521
Hunter-Lab	52.0055, -13.6054, 16.2617

Details

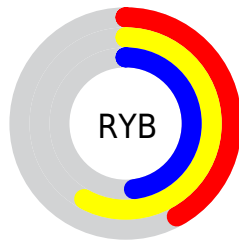
The HunterLab color $52.0055, -13.6054, 16.2617$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $40.8141, 10.2232, -15.3736$, and the grayscale version is $50.5259, -2.6959, 2.7452$.

A 20% lighter version of the original color is $74.0946, -16.2958, 19.4870$, and $32.5641, -10.7686, 12.5890$ is the 20% darker color. If you saturate the color by 10%, you get $51.2839, -16.8408, 19.8108$, and if you desaturate by 10%, it is $52.7961, -10.0852, 12.1135$.

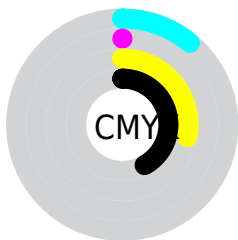
Distribution



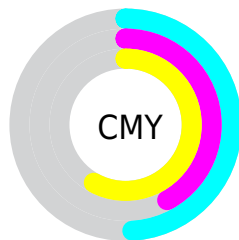
- Red (51%)
- Green (58%)
- Blue (42%)



- Red (42%)
- Yellow (58%)
- Blue (48%)



- Cyan (11%)
- Magenta (0%)
- Yellow (28%)
- Black (42%)



- Cyan (49%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.0055, -13.6054, 16.2617 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 52.0055, -13.6054, 16.2617 by changing the saturation by 10% instead.

■ 52.0055, -13.6054,
16.2617

■ 52.0055, -13.6054,
16.2617

169.6715,
-25.5057, 31.0026

■ 41.9624, -12.2556,
14.4744

■ 74.1344, -16.2584,
19.6819

■ 32.6638, -10.8731,
12.6064

■ 86.1404, -17.5726,
21.3407

■ 24.1762, -9.4402,
10.6232

■ 98.7325, -18.8852,
22.9773

■ 16.5861, -7.9245,
8.4775

■ 111.8846,
-20.1989, 24.5979

■ 10.0158, -6.6251,
7.0110

125.5738,
-21.5163, 26.2074

0.0000, NaN, NaN

139.7799,

0.0000, NaN, NaN

-22.8390, 27.8095

0.0000, NaN, NaN

154.4845,
-24.1685, 29.4070

0.0000, NaN, NaN

■ 52.0055, -13.6054,
16.2617

■ 52.0055, -13.6054,
16.2617

■ 51.2839, -16.8408,
19.8108

■ 52.7961, -10.0852,
12.1135

■ 50.6276, -19.7788,
22.7570

■ 53.6520, -6.2879,
7.3733

■ 50.0368, -22.4153,
25.1077

■ 54.5739, -2.2286,
2.0566

■ 49.5101, -24.7497,
26.8793

■ 55.5609, 2.0777,
-3.8172

■ 49.0453, -26.7863,
28.1006

■ 56.6118, 6.6145,
-10.2248

■ 48.6392, -28.5366,
28.8152

■ 57.7253, 11.3653,
-17.1407

■ 48.2836, -30.0435,
29.1416

■ 58.8997, 16.3132,
-24.5374

■ 48.2286, -30.2770,
29.1882

■ 60.1334, 21.4416,
-32.3864

■ 61.4246, 26.7347,
-40.6591

Harmonies

Analogous

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



52.0066, -4.2694, 18.4960



52.0055, -13.6054, 16.2617



52.0066, -19.6513, 10.4507

Triad

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



52.0066, -13.6067, 16.2623



52.0066, -11.2010, -17.4728



52.0066, 18.7846, 4.2378

Complementary

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



52.0055, -13.6054, 16.2617



40.8141, 10.2232, -15.3736

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.



52.0066, 16.5658, -6.1511



52.0055, -13.6054, 16.2617



52.0066, -1.2690, -20.0299

Square

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



52.0066, -13.6067, 16.2623



52.0066, -18.3411, -9.1123



52.0066, 9.0169, -15.5403



52.0066, 14.8628, 12.4776

Rectangle

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



52.0055, -13.6054, 16.2617



52.0066, -21.2772, 4.6954



52.0066, 9.0169, -15.5403



52.0066, 18.7343, 0.8946

Sweetspot

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



52.0066, -13.6067, 16.2623



71.1712, -8.7691, 10.3264



46.3182, 3.2384, 11.1428



33.9297, -4.5207, 5.3545



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.



52.0066, -13.6067, 16.2623



68.4649, -20.8252, 24.6637



50.5465, -19.0729, 14.8178



25.7464, -3.1766, 3.7412



44.5902, -27.9082, 26.9877



5.1049, -2.4052, 3.1035

Inverse Universe

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



40.8141, 10.2232, -15.3736



50.4781, 17.6533, -26.6510



42.8465, 16.5342, -12.0801



23.9598, 0.5986, -1.2354



16.3085, 39.1269, -76.2678



2.2136, 4.8006, -6.3974

Previews

White Background



This preview shows how the HunterLab color 52.0055, -13.6054, 16.2617 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 52.0055, -13.6054, 16.2617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

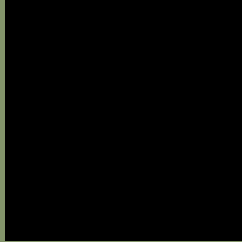
Any Text WCAG AA ✓ Pass

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 52.0055, -13.6054, 16.2617 Background



This preview shows how black text looks on a background with the HunterLab color 52.0055, -13.6054, 16.2617.



This preview shows how white text looks on a background with the HunterLab color 52.0055,

-13.6054, 16.2617.

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

52.0055, -13.6054, 16.2617

Protanopia

51.9622, -4.8133, 17.2930

Deuteranopia

51.8921, 3.7869, 15.5114



Tritanopia

52.0088, -2.1101, -2.3455

Trichromacy



Original Color

52.0055, -13.6054, 16.2617

Protanomaly

51.8414, -8.1768, 16.8228

Deuteranomaly

51.6807, -2.6730, 15.5223

Tritanomaly

51.8411, -6.6769, 5.1880

Monochromacy



Original Color

52.0055, -13.6054, 16.2617

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

50.9934, -7.2208, 8.3453

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.0055, -13.6054, 16.2617 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(131, 148, 106)` looks like.

```
.text, #text, p{  
    color:rgb(131, 148, 106)  
}
```

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(131, 148, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 148, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 52.0055, -13.6054, 16.2617 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(131, 148, 106) }
```


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

```
.border{ border-color:rgb(131, 148, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 148, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 148, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 148, 106);  
box-shadow:4px 4px 4px 4px rgb(131, 148,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.0055, -13.6054, 16.2617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 148, 106) }
```

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

```
.background{ background-color: rgb(131,  
148, 106) }
```

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