

Converting Colors

HunterLab(52.0617, -14.7647,
20.2675)

Have a look what the booklet for
HunterLab(52.0617, -14.7647,
20.2675) contains.

HunterLab(52.2055, -14.9339, 20.4081)	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(52.2055,
-14.9339, 20.4081)**

Conversions

Conversions Part 1

Format	Color
Hex	85955C
RGB	133, 149, 92
RGB Percent	52%, 58%, 36%
CMY	0.4784, 0.4157, 0.6392
CMYK	0.11, 0.00, 0.38, 0.42
HSL	77°, 24%, 47%
HSV	77°, 38%, 58%
XYZ	22.3521, 27.2541, 14.2077
YIQ	137.7180, 8.7610, -21.1190

Conversions

Conversions Part 2

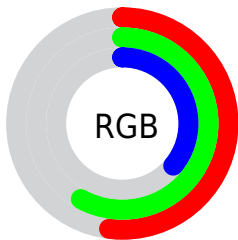
Format	Color
RYB	92, 149, 108
Decimal	8754524
CIELab	59.21, -15.55, 28.23
CIELCh	59, 32.230, 118.854
Yxy	27.2554, 0.3503, 0.4271
Android (android.graphics.Color)	4286944604 (0xFF85955C)
YUV	137.7180, -22.5390, -4.1377
Hunter-Lab	52.2055, -14.9339, 20.4081

Details

The HunterLab color $[52.2055, -14.9339, 20.4081]$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $[36.0737, 13.2585, -24.2752]$, and the grayscale version is $[50.3866, -2.6885, 2.7376]$.

A 20% lighter version of the original color is $[74.3370, -17.6945, 24.7698]$, and $[32.7394, -11.9265, 15.4691]$ is the 20% darker color. If you saturate the color by 10%, you get $[51.6586, -17.4367, 23.4466]$, and if you desaturate by 10%, it is $[52.8104, -12.1654, 16.7423]$.

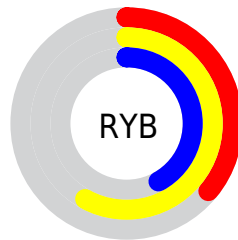
Distribution



Red (52%)

Green (58%)

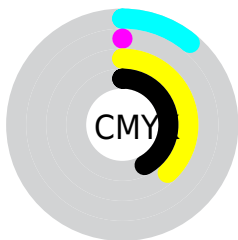
Blue (36%)



Red (36%)

Yellow (58%)

Blue (42%)

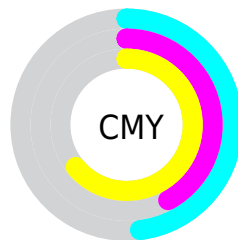


Cyan (11%)

Magenta (0%)

Yellow (38%)

Black (42%)



Cyan (48%)

Magenta (42%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.2055, -14.9339, 20.4081 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 52.2055, -14.9339, 20.4081 by changing the saturation by 10% instead.

■ 52.2055, -14.9339,
20.4081

■ 52.2055, -14.9339,
20.4081

169.9680,
-27.5636, 38.7480

■ 42.1487, -13.4774,
18.0743

■ 74.3595, -17.7789,
24.7980

■ 32.8351, -11.9783,
15.6060

■ 86.3770, -19.1808,
26.8937

■ 24.3312, -10.4160,
12.9556

■ 98.9801, -20.5764,
28.9419

■ 16.7229, -8.7527,
10.4935

■ 112.1428,
-21.9696, 30.9524

■ 10.1314, -7.3456,
7.0920

125.8421,
-23.3629, 32.9327

0.0000, NaN, NaN

140.0579,

0.0000, NaN, NaN

-24.7586, 34.8890

0.0000, NaN, NaN

154.7720,
-26.1584, 36.8261

0.0000, NaN, NaN

■ 52.2055, -14.9339,
20.4081

■ 52.2055, -14.9339,
20.4081

■ 51.6586, -17.4367,
23.4466

■ 52.8104, -12.1654,
16.7423

■ 51.1649, -19.6699,
25.8685

■ 53.4708, -9.1302,
12.4435

■ 50.7238, -21.6390,
27.6962

■ 54.1881, -5.8353,
7.5153

■ 50.3327, -23.3528,
28.9625

■ 54.9626, -2.2888,
1.9665

■ 49.9883, -24.8263,
29.7144

■ 55.7939, 1.4993,
-4.1886

■ 49.6826, -26.1025,
30.0682

■ 56.6817, 5.5178,
-10.9317

■ 49.6311, -26.3178,
30.1217

■ 57.6252, 9.7544,
-18.2413

■ 58.6234, 14.1963,
-26.0929

■ 59.6754, 18.8300,
-34.4605

Harmonies

Analogous

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



52.2067, -2.2590, 22.2408



52.2055, -14.9339, 20.4081



52.2067, -23.5290, 14.2405

Triad

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



52.2067, -14.9353, 20.4086



52.2067, -15.7617, -23.5661



52.2067, 26.3367, 2.3366

Complementary

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



52.2055, -14.9339, 20.4081



36.0737, 13.2585, -24.2752

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.



52.2067, 21.7999, -11.8990



52.2055, -14.9339, 20.4081



52.2067, -3.3157, -29.0449

Square

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



52.2067, -14.9353, 20.4086



52.2067, -23.9703, -10.7986



52.2067, 10.5818, -24.3083



52.2067, 22.4231, 13.5728

Rectangle

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



52.2055, -14.9339, 20.4081



52.2067, -26.2620, 7.4701



52.2067, 10.5818, -24.3083



52.2067, 25.7418, -2.2534

Sweetspot

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



52.2067, -14.9353, 20.4086



72.2216, -9.1530, 12.1015



42.0954, 9.4685, 11.8432



33.9440, -4.5611, 6.0769



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.



52.2067, -14.9353, 20.4086



69.2222, -22.9118, 30.8864



50.2896, -22.1960, 18.6618



25.8141, -2.9366, 3.8188



45.5476, -24.0769, 27.6447



5.1843, -2.0986, 3.1578

Inverse Universe

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



36.0737, 13.2585, -24.2752



43.1730, 23.2144, -42.9213



38.7738, 21.2611, -19.2168



23.8895, 0.3595, -1.3299



15.0034, 37.8660, -84.6618



2.0207, 4.5667, -7.2691

Previews

White Background



This preview shows how the HunterLab color 52.2055, -14.9339, 20.4081 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 52.2055, -14.9339, 20.4081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

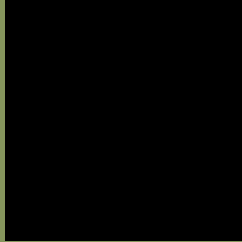
Any Text WCAG AA ✓ Pass

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 52.2055, -14.9339, 20.4081 Background



This preview shows how black text looks on a background with the HunterLab color 52.2055, -14.9339, 20.4081.



This preview shows how white text looks on a background with the HunterLab color 52.2055,

-14.9339, 20.4081.

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

52.2055, -14.9339, 20.4081

Protanopia

51.9960, -5.1906, 21.1718

Deuteranopia

52.0504, 3.7828, 19.8072



Tritanopia

52.2577, -1.2498, -2.0135

Trichromacy



Original Color

52.2055, -14.9339, 20.4081

Protanomaly

52.1460, -9.0895, 20.9749

Deuteranomaly

51.9865, -3.5922, 19.8936

Tritanomaly

52.2425, -7.0189, 7.6993

Monochromacy



Original Color

52.2055, -14.9339, 20.4081

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

50.9517, -7.6167, 10.2133

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.2055, -14.9339, 20.4081 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(133, 149, 92)` looks like.

```
.text, #text, p{  
    color:rgb(133, 149, 92)  
}
```

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(133, 149, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 149, 92) }
```

Border

The CSS property to change the border of an element to HunterLab 52.2055, -14.9339, 20.4081 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(133, 149, 92) }
```


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

```
.border{ border-color:rgb(133, 149, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 149, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 149, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 149, 92);  
box-shadow:4px 4px 4px 4px rgb(133, 149,  
92) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.2055, -14.9339, 20.4081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 149, 92) }
```

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

```
.background{ background-color: rgb(133,  
149, 92) }
```

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