

Converting Colors

HunterLab(54.0815, -31.4909,
13.5397)

Have a look what the booklet for
HunterLab(54.0815, -31.4909,
13.5397) contains.

HunterLab(53.9889, -31.4655, 13.5504)	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(53.9889,
-31.4655, 13.5504)**

Conversions

Conversions Part 1	
Format	Color
Hex	45A477
RGB	69, 164, 119
RGB Percent	27%, 64%, 47%
CMY	0.7294, 0.3569, 0.5333
CMYK	0.58, 0.00, 0.27, 0.36
HSL	152°, 41%, 46%
HSV	152°, 58%, 64%
XYZ	19.0595, 29.1480, 22.0744
YIQ	130.4650, -42.1750, -34.1350

Conversions

Conversions Part 2

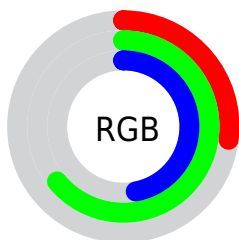
Format	Color
RYB	69, 131, 164
Decimal	4564087
CIELab	60.91, -38.86, 15.12
CIELCh	61, 41.696, 158.744
Yxy	29.1492, 0.2712, 0.4147
Android (android.graphics.Color)	4282754167 (0xFF45A477)
YUV	130.4650, -5.6522, -53.9048
Hunter-Lab	53.9889, -31.4655, 13.5504

Details

The HunterLab color **53.9889, -31.4655, 13.5504** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **36.5572, 36.0049, -2.6640**, and the grayscale version is **47.4646, -2.5326, 2.5788**.

A 20% lighter version of the original color is **76.4766, -37.2013, 16.6036**, and **34.3672, -24.8765, 10.7451** is the 20% darker color. If you saturate the color by 10%, you get **53.3394, -34.4275, 15.4733**, and if you desaturate by 10%, it is **54.7982, -27.8994, 11.6383**.

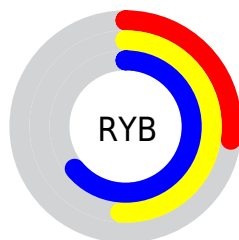
Distribution



Red (27%)

Green (64%)

Blue (47%)



Red (27%)

Yellow (51%)

Blue (64%)

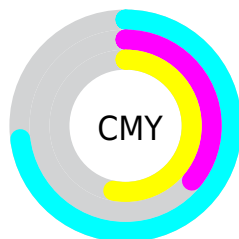


Cyan (58%)

Magenta (0%)

Yellow (27%)

Black (36%)



Cyan (73%)


Magenta (36%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 53.9889, -31.4655, 13.5504 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 53.9889, -31.4655, 13.5504 by changing the saturation by 10% instead.


 53.9889, -31.4655,
13.5504


 53.9889, -31.4655,
13.5504


172.6031,
-54.1528, 26.0477


 43.8106, -28.5175,
12.1090


 76.3636, -36.9761,
16.3622


 34.3662, -25.3861,
10.6253


 88.4829, -39.5899,
17.7482


 25.7190, -22.0052,
9.0774


 101.1830,
-42.1333, 19.1284

 17.9508, -18.2670,
7.4284

 114.4386,
-44.6189, 20.5067

 11.1753, -16.3674,
6.4505

 128.2273,
-47.0564, 21.8857

 3.1793, -5.5639,
2.2255

142.5291,

0.0000, NaN, NaN

-49.4539, 23.2678

0.0000, NaN, NaN

157.3264,
-51.8176, 24.6547

0.0000, NaN, NaN

■ 53.9889, -31.4655,
13.5504

■ 53.9889, -31.4655,
13.5504

■ 53.3394, -34.4275,
15.4733

■ 54.7982, -27.8994,
11.6383

■ 52.8387, -36.7877,
17.3788

■ 55.7687, -23.7422,
9.7604

■ 52.4762, -38.5728,
19.2400

■ 56.9034, -19.0242,
7.9397

■ 52.2276, -39.8694,
21.0215

■ 58.2018, -13.7863,
6.1958

■ 52.1814, -40.1139,
21.3722

■ 59.6615, -8.0768,
4.5447

■ 61.2785, -1.9484,
2.9991

■ 63.0477, 4.5454,
1.5676

■ 64.9630, 11.3527,
0.2558

■ 67.0178, 18.4242,
-0.9338

Harmonies

Analogous

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



53.9900, -22.8560, 22.8071



53.9889, -31.4655, 13.5504



53.9900, -32.9732, -2.3021

Triad

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



53.9900, -31.4661, 13.5509



53.9900, 2.4717, -40.7015



53.9900, 26.8034, 19.7316

Complementary

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



53.9889, -31.4655, 13.5504



36.5572, 36.0049, -2.6640

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.



53.9900, 35.6987, 7.7019



53.9889, -31.4655, 13.5504



53.9900, 20.4939, -29.5066

Square

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



53.9900, -31.4661, 13.5509



53.9900, -14.8507, -37.5582



53.9900, 33.2499, -10.3906



53.9900, 10.2260, 25.4778

Rectangle

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



53.9889, -31.4655, 13.5504



53.9900, -29.9677, -15.3833



53.9900, 33.2499, -10.3906



53.9900, 30.8836, 16.4794

Sweetspot

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



53.9900, -31.4661, 13.5509



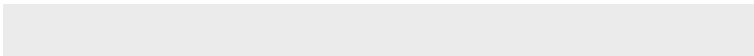
78.5258, -18.1245, 8.2086



55.3363, -27.7761, 27.5788



36.5537, -9.1207, 4.0394



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.



53.9900, -31.4661, 13.5509



71.6112, -47.5504, 21.7212



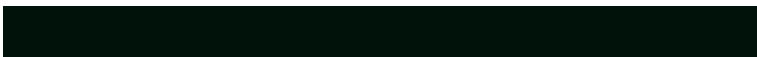
54.7124, -23.4824, -4.7596



28.2036, -4.2054, 2.2577



45.7020, -35.0590, 18.5588



6.6959, -4.6441, 1.6559

Inverse Universe

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



36.5572, 36.0049, -2.6640



44.4745, 58.7560, -2.2647



35.7442, 30.3910, 13.2178



26.7193, 1.3874, 0.7829



25.4547, 45.2726, 3.4198



3.8169, 7.0220, -1.2968

Previews

White Background



This preview shows how the HunterLab color 53.9889, -31.4655, 13.5504 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 53.9889, -31.4655, 13.5504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

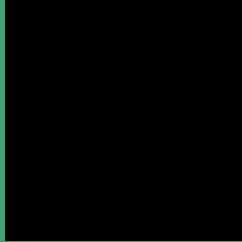
Any Text WCAG AA ✓ Pass

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 53.9889, -31.4655, 13.5504 Background



This preview shows how black text looks on a background with the HunterLab color 53.9889, -31.4655, 13.5504.



This preview shows how white text looks on a background with the HunterLab color 53.9889,

-31.4655, 13.5504.

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

53.9889, -31.4655, 13.5504

Protanopia

53.6408, -4.4950, 16.3518

Deuteranopia

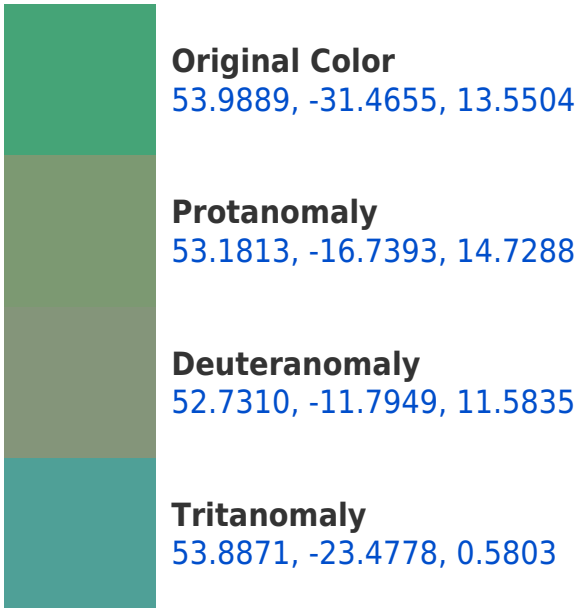
53.4193, 3.9694, 11.8218



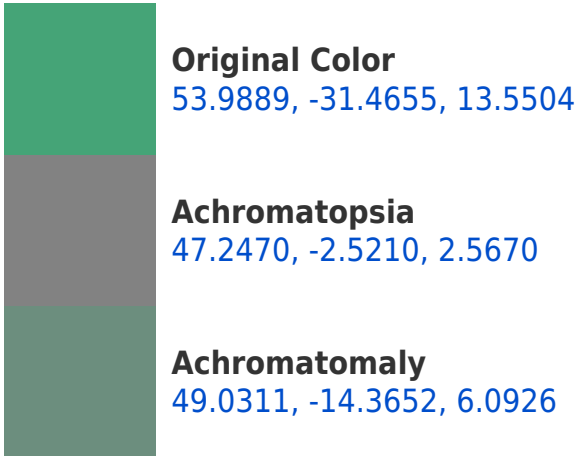
Tritanopia

53.8029, -17.6531, -9.0647

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.9889, -31.4655, 13.5504 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(69, 164, 119)` looks like.

```
.text, #text, p{  
    color:rgb(69, 164, 119)  
}
```

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(69, 164, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 164, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 53.9889, -31.4655, 13.5504 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(69, 164, 119) }
```


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

```
.border{ border-color:rgb(69, 164, 119) }
```

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

Here you see how a box with a 4 pixel rgb(69, 164, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 164, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 164, 119);  
box-shadow:4px 4px 4px 4px rgb(69, 164,  
119) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.9889, -31.4655, 13.5504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(69, 164, 119) }
```

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

```
.background{ background-color:rgb(69, 164,  
119) }
```

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