

Converting Colors

HunterLab(55.4802, -33.8636,
13.3919)

Have a look what the booklet for
HunterLab(55.4802, -33.8636,
13.3919) contains.

HunterLab(55.4904, -33.7714, 13.2272)	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(55.4904,
-33.7714, 13.2272)**

Conversions

Conversions Part 1

Format	Color
Hex	3CA97C
RGB	60, 169, 124
RGB Percent	24%, 66%, 49%
CMY	0.7647, 0.3372, 0.5137
CMYK	0.64, 0.00, 0.27, 0.34
HSL	155°, 48%, 45%
HSV	155°, 64%, 66%
XYZ	19.6895, 30.7918, 23.9745
YIQ	131.2790, -50.5190, -37.1030

Conversions

Conversions Part 2

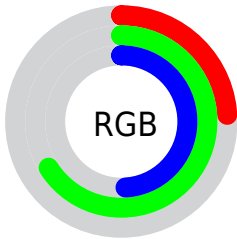
Format	Color
RYB	60, 129, 169
Decimal	3975548
CIELab	62.33, -41.79, 14.28
CIElCh	62, 44.162, 161.128
Yxy	30.7931, 0.2644, 0.4136
Android (android.graphics.Color)	4282165628 (0xFF3CA97C)
YUV	131.2790, -3.5885, -62.5117
Hunter-Lab	55.4904, -33.7714, 13.2272

Details

The HunterLab color **55.4904, -33.7714, 13.2272** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **35.6194, 40.5429, 0.4103**, and the grayscale version is **47.7801, -2.5494, 2.5960**.

A 20% lighter version of the original color is **78.0684, -39.5166, 15.8237**, and **36.0538, -25.8860, 10.8163** is the 20% darker color. If you saturate the color by 10%, you get **54.9343, -36.3427, 15.0419**, and if you desaturate by 10%, it is **56.2040, -30.5935, 11.4532**.

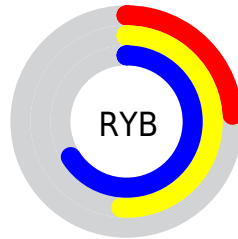
Distribution



Red (24%)

Green (66%)

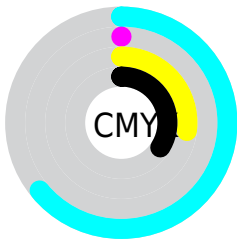
Blue (49%)



Red (24%)

Yellow (51%)

Blue (66%)

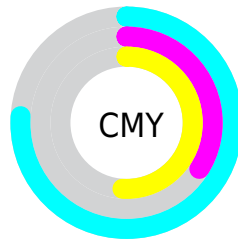


Cyan (64%)

Magenta (0%)

Yellow (27%)

Black (34%)



Cyan (76%)

Magenta (34%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.4904, -33.7714, 13.2272 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 55.4904, -33.7714, 13.2272 by changing the saturation by 10% instead.

■ 55.4904, -33.7714,
13.2272

■ 55.4904, -33.7714,
13.2272

174.8096,
-57.6851, 25.3720

■ 45.2121, -30.6503,
11.8425

■ 78.0475, -39.5991,
15.9412

■ 35.6599, -27.3341,
10.4230

■ 90.2509, -42.3596,
17.2840

■ 26.8951, -23.7551,
8.9497

■ 103.0314,
-45.0429, 18.6240

■ 18.9961, -19.8046,
7.3909

■ 116.3639,
-47.6625, 19.9643

■ 12.0710, -17.0198,
6.0533

■ 130.2266,
-50.2288, 21.3076

■ 5.0816, -8.8928,
3.5571

144.5998,

0.0000, NaN, NaN

-52.7503, 22.6557

0.0000, NaN, NaN

159.4661,
-55.2339, 24.0101

0.0000, NaN, NaN

■ 55.4904, -33.7714,
13.2272

■ 55.4904, -33.7714,
13.2272

■ 54.9343, -36.3427,
15.0419

■ 56.2040, -30.5935,
11.4532

■ 54.5217, -38.3264,
16.8685

■ 57.0790, -26.8082,
9.7435

■ 54.2381, -39.7699,
18.6779

■ 58.1203, -22.4344,
8.1208

■ 54.1131, -40.4299,
19.6398

■ 59.3293, -17.5045,
6.6040

■ 60.7052, -12.0612,
5.2084

■ 62.2451, -6.1540,
3.9451

■ 63.9447, 0.1644,
2.8216

■ 65.7986, 6.8409,
1.8419

■ 67.8005, 13.8238,
1.0069

Harmonies

Analogous

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



55.4915, -25.2315, 23.5065



55.4904, -33.7714, 13.2272



55.4915, -34.7584, -4.1986

Triad

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



55.4915, -33.7720, 13.2277



55.4915, 4.3471, -43.7068



55.4915, 27.6941, 21.5198

Complementary

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



55.4904, -33.7714, 13.2272



35.6194, 40.5429, 0.4103

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.



55.4915, 38.1344, 9.3837



55.4904, -33.7714, 13.2272



55.4915, 23.4845, -30.5050

Square

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



55.4915, -33.7720, 13.2277



55.4915, -14.4148, -41.5819



55.4915, 36.4968, -9.5912



55.4915, 9.4982, 27.0456

Rectangle

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



55.4904, -33.7714, 13.2272



55.4915, -31.1783, -18.3896



55.4915, 36.4968, -9.5912



55.4915, 32.3319, 18.2892

Sweetspot

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



55.4915, -33.7720, 13.2277



80.3183, -19.7511, 7.8534



56.3312, -32.4181, 29.6436



37.2648, -10.1442, 3.9084



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



55.4915, -33.7720, 13.2277



73.2787, -49.7562, 21.0786



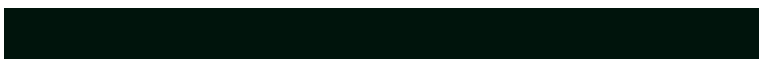
53.7952, -22.5286, -8.6179



29.1185, -4.2793, 2.1465



46.7268, -34.8310, 16.7858



7.3555, -5.0217, 1.6466

Inverse Universe

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



35.6194, 40.5429, 0.4103



43.3421, 63.6116, 3.4460



36.0950, 32.3368, 15.7849



27.5531, 1.3724, 0.9986



25.7374, 45.3878, 6.4635



4.1402, 7.5360, -0.7804

Previews

White Background



This preview shows how the HunterLab color 55.4904, -33.7714, 13.2272 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 55.4904, -33.7714, 13.2272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

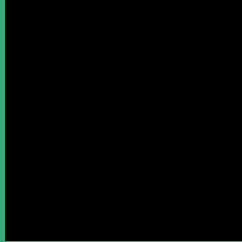
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 55.4904, -33.7714, 13.2272 Background



This preview shows how black text looks on a background with the HunterLab color 55.4904, -33.7714, 13.2272.



This preview shows how white text looks on a background with the HunterLab color 55.4904,

-33.7714, 13.2272.

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

55.4904, -33.7714, 13.2272

Protanopia

54.9602, -4.1404, 16.2963

Deuteranopia

54.9449, 3.6802, 11.5099



Tritanopia

55.3155, -19.7343, -9.7318

Trichromacy



Original Color

55.4904, -33.7714, 13.2272

Protanomaly

54.1941, -17.5340, 14.3360

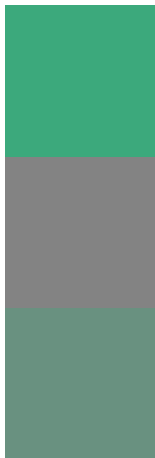
Deuteranomaly

53.9815, -13.1825, 10.9792

Tritanomaly

55.3970, -25.6428, 0.0237

Monochromacy



Original Color

55.4904, -33.7714, 13.2272

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

49.8122, -16.0491, 6.1053

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.4904, -33.7714, 13.2272 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(60, 169, 124)` looks like.

```
.text, #text, p{  
    color:rgb(60, 169, 124)  
}
```

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(60, 169, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 169, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 55.4904, -33.7714, 13.2272 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(60, 169, 124) }
```


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

```
.border{ border-color:rgb(60, 169, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 169, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 169, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 169, 124);  
box-shadow:4px 4px 4px 4px rgb(60, 169,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.4904, -33.7714, 13.2272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 169, 124) }
```

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

```
.background{ background-color: rgb(60, 169,  
124) }
```

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