

Converting Colors

HunterLab(55.9093, -33.4910,
33.8135)

Have a look what the booklet for
HunterLab(55.9093, -33.4910,
33.8135) contains.

HunterLab(55.7991, -33.4227, 33.7370)	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(55.7991,
-33.4227, 33.7370)**

Conversions

Conversions Part 1

Format	Color
Hex	6BA802
RGB	107, 168, 2
RGB Percent	42%, 66%, 1%
CMY	0.5804, 0.3412, 0.9921
CMYK	0.36, 0.00, 0.99, 0.34
HSL	82°, 98%, 33%
HSV	82°, 99%, 66%
XYZ	20.0770, 31.1354, 5.0090
YIQ	130.8370, 16.9300, -64.5580

Conversions

Conversions Part 2

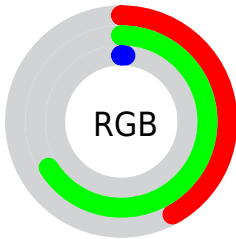
Format	Color
R_{YB}	2, 168, 63
Decimal	7055362
CIE _{Lab}	62.62, -41.11, 63.89
CIE _{LCh}	63, 75.975, 122.760
Yxy	31.1368, 0.3571, 0.5538
Android (android.graphics.Color)	4285245442 (0xFF6BA802)
YUV	130.8370, -63.5166, -20.9050
Hunter-Lab	55.7991, -33.4227, 33.7370

Details

The HunterLab color **55.7991, -33.4227, 33.7370** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **19.8203, 47.6397, -97.7759**, and the grayscale version is **47.8159, -2.5513, 2.5979**.

A 20% lighter version of the original color is **78.5569, -39.2331, 42.6955**, and **35.9716, -26.0008, 21.7104** is the 20% darker color. If you saturate the color by 10%, you get **55.7554, -33.6128, 33.7678**, and if you desaturate by 10%, it is **56.1918, -31.7801, 33.4274**.

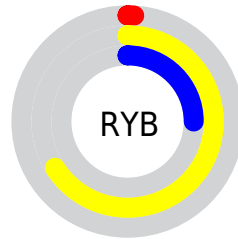
Distribution



Red (42%)

Green (66%)

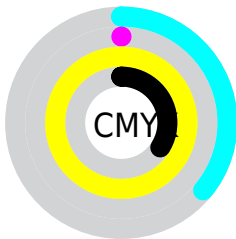
Blue (1%)



Red (1%)

Yellow (66%)

Blue (25%)

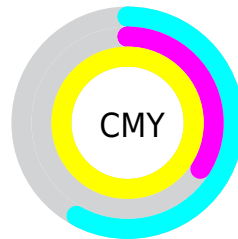


Cyan (36%)

Magenta (0%)

Yellow (99%)

Black (34%)



Cyan (58%)

Magenta (34%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.7991, -33.4227, 33.7370 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 55.7991, -33.4227, 33.7370 by changing the saturation by 10% instead.

■ 55.7991, -33.4227,
33.7370

■ 55.7991, -33.4227,
33.7370

175.2621,
-57.0184, 68.9415

■ 45.5006, -30.3523,
28.9914

■ 78.3934, -39.1640,
42.5638

■ 35.9264, -27.0920,
24.0412

■ 90.6140, -41.8855,
46.6997

■ 27.1378, -23.5770,
18.9965

■ 103.4108,
-44.5324, 50.6839

■ 19.2124, -19.7021,
13.4486

■ 116.7590,
-47.1177, 54.5367

■ 12.2570, -16.7225,
8.5799

■ 130.6368,
-49.6514, 58.2754

■ 5.3886, -9.4301,
3.7720

■ 145.0246,

0.0000, NaN, NaN

-52.1419, 61.9145

0.0000, NaN, NaN

159.9049,
-54.5957, 65.4664

0.0000, NaN, NaN

55.7991, -33.4227,
33.7370

55.7991, -33.4227,
33.7370

55.7554, -33.6128,
33.7678

56.1918, -31.7801,
33.4274

56.6377, -29.8701,
32.6617

57.1469, -27.6458,
31.3078

57.7236, -25.0914,
29.3104

58.3704, -22.1993,
26.6325

■ 59.0895, -18.9679,
23.2512

■ 59.8819, -15.4010,
19.1558

■ 60.7482, -11.5064,
14.3455

■ 61.6887, -7.2955,
8.8283

Harmonies

Analogous

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



55.8003, -6.0137, 35.9879



55.7991, -33.4227, 33.7370



55.8003, -49.0566, 24.2568

Triad

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



55.8003, -33.4240, 33.7373



55.8003, -29.2355, -82.1071



55.8003, 75.9217, 5.8762

Complementary

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



55.7991, -33.4227, 33.7370



19.8203, 47.6397, -97.7759

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.



55.8003, 65.6636, -32.4060



55.7991, -33.4227, 33.7370



55.8003, 0.1192, -97.6498

Square

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



55.8003, -33.4240, 33.7373



55.8003, -47.0642, -40.6833



55.8003, 35.8228, -75.6760



55.8003, 61.2927, 26.8775

Rectangle

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



55.7991, -33.4227, 33.7370



55.8003, -53.1381, 10.1439



55.8003, 35.8228, -75.6760



55.8003, 75.2727, -5.1474

Sweetspot

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



55.8003, -33.4240, 33.7373



80.4703, -21.6192, 26.8391



34.4545, 32.6005, 21.7018



37.3650, -11.0079, 13.5908



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.



55.8003, -33.4240, 33.7373



75.0221, -45.6154, 45.4297



53.1103, -44.5639, 31.8815



29.3836, -3.5787, 4.3440



48.4810, -29.0850, 29.3646



7.7419, -3.8227, 4.7036

Inverse Universe

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



19.8203, 47.6397, -97.7759



26.1952, 64.4443, -134.8872



29.9504, 60.3552, -53.8275



27.2576, 0.6443, -1.5041



17.1147, 41.7834, -85.6375



3.1674, 7.0642, -10.6655

Previews

White Background



This preview shows how the HunterLab color 55.7991, -33.4227, 33.7370 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 55.7991, -33.4227, 33.7370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

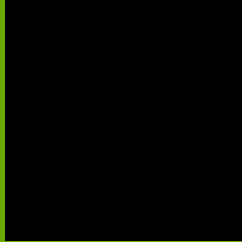
Any Text WCAG AA ✓ Pass

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 55.7991, -33.4227, 33.7370 Background



This preview shows how black text looks on a background with the HunterLab color 55.7991, -33.4227, 33.7370.



This preview shows how white text looks on a background with the HunterLab color 55.7991,

-33.4227, 33.7370.

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

55.7991, -33.4227, 33.7370

Protanopia

55.3889, -7.8425, 33.9931

Deuteranopia

55.4093, 3.9698, 32.6728



Tritanopia

55.6790, -9.2530, -5.8234

Trichromacy



Original Color

55.7991, -33.4227, 33.7370

Protanomaly

55.0629, -18.2498, 33.5791

Deuteranomaly

54.7613, -11.5055, 32.7204

Tritanomaly

54.8415, -21.9290, 18.0710

Monochromacy



Original Color

55.7991, -33.4227, 33.7370

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

49.7234, -16.6565, 20.3465

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.7991, -33.4227, 33.7370 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(107, 168, 2)` looks like.

```
.text, #text, p{  
    color:rgb(107, 168, 2)  
}
```

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(107, 168, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 168, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 55.7991, -33.4227, 33.7370 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(107, 168, 2) }
```


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

```
.border{ border-color:rgb(107, 168, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 168, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 168, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 168, 2);  
box-shadow:4px 4px 4px 4px rgb(107, 168,  
2) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.7991, -33.4227, 33.7370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 168, 2) }
```

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

```
.background{ background-color: rgb(107,  
168, 2) }
```

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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