

Converting Colors

HunterLab(55.1499, -0.6707,
6.3362)

Have a look what the booklet for
HunterLab(55.1499, -0.6707, 6.3362)
contains.

HunterLab(55.1379, -0.7538, 6.4442)	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(55.1379, -0.7538,
6.4442)**

Conversions

Conversions Part 1

Format	Color
Hex	9E948E
RGB	158, 148, 142
RGB Percent	62%, 58%, 56%
CMY	0.3804, 0.4196, 0.4431
CMYK	0.00, 0.06, 0.10, 0.38
HSL	23°, 8%, 59%
HSV	23°, 10%, 62%
XYZ	29.5729, 30.4019, 29.9007
YIQ	150.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

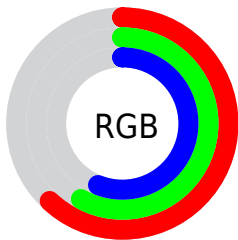
Format	Color
R _Y B	158, 152, 142
Decimal	10392718
CIE Lab	62.00, 2.60, 4.48
CIE LCh	62, 5.185, 59.868
Yxy	30.4032, 0.3290, 0.3383
Android (android.graphics.Color)	4288582798 (0xFF9E948E)
YUV	150.3060, -4.0949, 6.7476
Hunter-Lab	55.1379, -0.7538, 6.4442

Details

The HunterLab color $55.1379, -0.7538, 6.4442$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $55.3853, -4.8950, -0.5861$, and the grayscale version is $55.3641, -2.9541, 3.0080$.

A 20% lighter version of the original color is $77.6999, -1.5255, 8.0009$, and $35.2816, 0.3342, 4.7310$ is the 20% darker color. If you saturate the color by 10%, you get $51.9572, 1.7892, 9.4450$, and if you desaturate by 10%, it is $58.4315, -3.0918, 3.2190$.

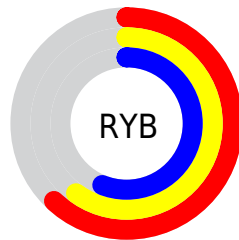
Distribution



Red (62%)

Green (58%)

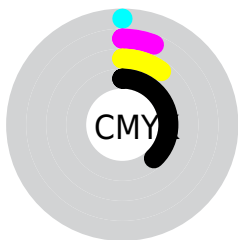
Blue (56%)



Red (62%)

Yellow (60%)

Blue (56%)

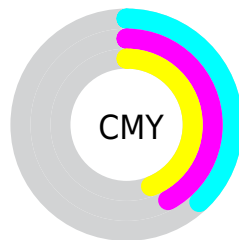


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.1379, -0.7538, 6.4442 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 55.1379, -0.7538, 6.4442 by changing the saturation by 10% instead.

■ 55.1379, -0.7538,
6.4442

■ 55.1379, -0.7538,
6.4442

174.2927, -6.1088,
14.6330

■ 44.8830, -0.3504,
5.6426

■ 77.6526, -1.6969,
8.1135

■ 35.3559, 0.0049,
4.8597

■ 89.8364, -2.2271,
8.9803

■ 26.6184, 0.3044,
4.0938

102.5981, -2.7936,
9.8689

■ 18.7499, 0.5394,
3.3400

115.9127, -3.3944,
10.7792

■ 11.8594, 0.6967,
2.5871

129.7581, -4.0277,
11.7111

■ 4.7061, 2.1589,
3.2943

144.1147, -4.6920,

0.0000, NaN, NaN

12.6642

0.0000, NaN, NaN

158.9648, -5.3861,
13.6383

0.0000, NaN, NaN

■ 55.1379, -0.7538,
6.4442

■ 55.1379, -0.7538,
6.4442

■ 51.9572, 1.7892,
9.4450

■ 58.4315, -3.0918,
3.2190

■ 48.8977, 4.5597,
12.1842

■ 61.8239, -5.2390,
-0.2041

■ 45.9744, 7.5722,
14.6219

■ 65.3075, -7.2152,
-3.7999

■ 43.2029, 10.8368,
16.7117

■ 68.8743, -9.0374,
-7.5483

■ 40.6008, 14.3543,
18.4018

■ 72.5176, -10.7215,
-11.4324

■ 38.1873, 18.1102,
19.6394

■ 76.2316, -12.2815,
-15.4382

■ 35.9827, 22.0667,
20.3768

■ 80.0110, -13.7303,
-19.5538

■ 34.0072, 26.1545,
20.5853

■ 83.3169, -18.0849,
-16.3019

■ 32.2891, 30.1706,
20.4246

■ 86.5868, -22.9038,
-11.8290

Harmonies

Analogous

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



55.1391, 0.8589, 5.0128



55.1379, -0.7538, 6.4442



55.1391, -2.9350, 6.9622

Triad

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



55.1391, -0.7553, 6.4451



55.1391, -7.2071, 3.0109



55.1391, -0.7729, -0.6900

Complementary

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



55.1379, -0.7538, 6.4442



55.3853, -4.8950, -0.5861

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.



55.1391, -2.9550, -1.2769



55.1379, -0.7538, 6.4442



55.1391, -6.6486, 0.9112

Square

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



55.1391, -0.7553, 6.4451



55.1391, -6.6389, 5.0286



55.1391, -5.1011, -0.6798



55.1391, 0.8487, 0.8941

Rectangle

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



55.1379, -0.7538, 6.4442



55.1391, -4.4084, 6.7351



55.1391, -5.1011, -0.6798



55.1391, -1.4663, -1.0132

Sweetspot

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



55.1391, -0.7553, 6.4451



77.4257, -3.2707, 5.6418



53.7465, 3.7590, 0.3509



36.5974, -1.4379, 2.8419



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



55.1391, -0.7553, 6.4451



73.3877, -0.3191, 9.5643



57.4061, -4.5366, 8.8625



26.5209, -0.4636, 2.9524



29.0187, 26.6771, 18.3482



4.7823, 1.4933, 2.9730

Inverse Universe

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



55.3853, -4.8950, -0.5861



73.7874, -7.0440, -1.8576



53.1101, -1.1190, -3.4055



26.6286, -2.2741, -0.1228



30.2642, -2.6293, -32.1517



4.9282, -1.6651, -2.5653

Previews

White Background



This preview shows how the HunterLab color 55.1379, -0.7538, 6.4442 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 55.1379, -0.7538, 6.4442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

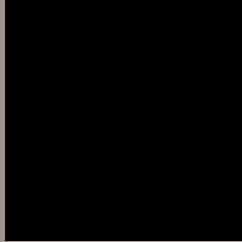
Any Text WCAG AA ✓ Pass

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 55.1379, -0.7538, 6.4442 Background



This preview shows how black text looks on a background with the HunterLab color 55.1379, -0.7538, 6.4442.



This preview shows how white text looks on a background with the HunterLab color 55.1379, -0.7538,

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

55.1379, -0.7538, 6.4442

Protanopia

55.0891, -2.3369, 5.9365

Deuteranopia

55.1810, 3.7759, 6.1467



Tritanopia

55.1957, 3.2132, -0.1968

Trichromacy



Original Color

55.1379, -0.7538, 6.4442

Protanomaly

55.1785, -2.0273, 6.0423

Deuteranomaly

55.1665, 2.2971, 6.1046

Tritanomaly

55.2317, 1.5903, 2.1728

Monochromacy



Original Color

55.1379, -0.7538, 6.4442

Achromatopsia

55.2257, -2.9467, 3.0005

Achromatomaly

55.1124, -2.0322, 4.2283

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.1379, -0.7538, 6.4442 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(158, 148, 142)` looks like.

```
.text, #text, p{  
    color:rgb(158, 148, 142)  
}
```

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(158, 148, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 148, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 55.1379, -0.7538, 6.4442 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(158, 148, 142) }
```


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

```
.border{ border-color:rgb(158, 148, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 148, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 148, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 148, 142);  
box-shadow:4px 4px 4px 4px rgb(158, 148,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.1379, -0.7538, 6.4442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 148, 142) }
```

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

```
.background{ background-color: rgb(158,  
148, 142) }
```

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