

Converting Colors

HunterLab(55.3295, -3.7902,
12.5054)

Have a look what the booklet for
HunterLab(55.3295, -3.7902,
12.5054) contains.

HunterLab(55.3300, -3.7944, 12.5120)	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(55.3300, -3.7944,
12.5120)**

Conversions

Conversions Part 1

Format	Color
Hex	9E967F
RGB	158, 150, 127
RGB Percent	62%, 59%, 50%
CMY	0.3804, 0.4117, 0.5020
CMYK	0.00, 0.05, 0.20, 0.38
HSL	45°, 14%, 56%
HSV	45°, 20%, 62%
XYZ	28.8377, 30.6141, 24.4678
YIQ	149.7700, 12.1510, -5.4570

Conversions

Conversions Part 2

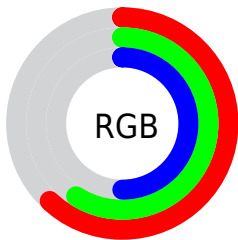
Format	Color
RYB	138, 158, 127
Decimal	10393215
CIELab	62.18, -1.01, 13.20
CIElCh	62, 13.240, 94.371
Yxy	30.6155, 0.3436, 0.3648
Android (android.graphics.Color)	4288583295 (0xFF9E967F)
YUV	149.7700, -11.2256, 7.2177
Hunter-Lab	55.3300, -3.7944, 12.5120

Details

The HunterLab color $55.3300, -3.7944, 12.5120$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $49.3032, -0.8819, -8.5354$, and the grayscale version is $55.1742, -2.9440, 2.9977$.

A 20% lighter version of the original color is $77.8634, -4.9672, 15.0122$, and $35.4089, -2.5771, 9.7048$ is the 20% darker color. If you saturate the color by 10%, you get $53.8117, -3.7827, 16.4583$, and if you desaturate by 10%, it is $56.9068, -3.5651, 8.0106$.

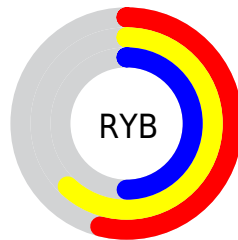
Distribution



Red (62%)

Green (59%)

Blue (50%)



Red (54%)

Yellow (62%)

Blue (50%)

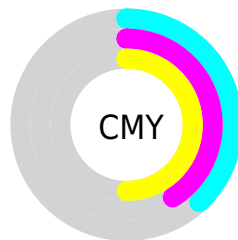


Cyan (0%)

Magenta (5%)

Yellow (20%)

Black (38%)



Cyan (38%)

Magenta (41%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.3300, -3.7944, 12.5120 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 55.3300, -3.7944, 12.5120 by changing the saturation by 10% instead.

■ 55.3300, -3.7944,
12.5120

■ 55.3300, -3.7944,
12.5120

174.5746,
-10.5593, 24.2056

■ 45.0624, -3.1916,
11.1945

■ 77.8679, -5.1017,
15.1065

■ 35.5216, -2.6218,
9.8481

■ 90.0624, -5.8001,
16.3949

■ 26.7692, -2.0885,
8.4563

■ 102.8343, -6.5272,
17.6833

■ 18.8841, -1.5943,
6.9898

116.1587, -7.2819,
18.9747

■ 11.9747, -1.1417,
5.6819

130.0136, -8.0633,
20.2711

■ 4.9145, -1.1571,
3.4402

144.3792, -8.8705,

0.0000, NaN, NaN

21.5742

0.0000, NaN, NaN

159.2382, -9.7027,
22.8854

0.0000, NaN, NaN

■ 55.3300, -3.7944,
12.5120

■ 55.3300, -3.7944,
12.5120

■ 53.8117, -3.7827,
16.4583

■ 56.9068, -3.5651,
8.0106

■ 52.3496, -3.5186,
19.8257

■ 58.5366, -3.0980,
2.9761

■ 50.9465, -2.9995,
22.5978

■ 60.2188, -2.4041,
-2.5646

■ 49.6032, -2.2241,
24.7640

■ 61.9514, -1.4933,
-8.5848

■ 48.3201, -1.1950,
26.3225

■ 63.7327, -0.3758,
-15.0577

■ 47.0971, 0.0799,
27.2840

■ 65.5606, 0.9378,
-21.9567

■ 45.9326, 1.5855,
27.6780

■ 67.4333, 2.4372,
-29.2563

■ 44.8175, 3.2640,
27.6506

■ 69.3490, 4.1121,
-36.9318

■ 44.7756, 3.3285,
27.6488

■ 70.6374, 2.3658,
-35.8418

Harmonies

Analogous

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



55.3312, 1.9127, 11.6864



55.3300, -3.7944, 12.5120



55.3312, -9.0645, 11.0146

Triad

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



55.3312, -3.7960, 12.5128



55.3312, -11.7954, -3.2661



55.3312, 7.3787, -1.7373

Complementary

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



55.3300, -3.7944, 12.5120



49.3032, -0.8819, -8.5354

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.



55.3312, 3.4310, -6.3997



55.3300, -3.7944, 12.5120



55.3312, -7.6606, -7.3437

Square

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



55.3312, -3.7960, 12.5128



55.3312, -13.5616, 2.2037



55.3312, -2.1095, -8.5449



55.3312, 8.5155, 3.8080

Rectangle

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



55.3300, -3.7944, 12.5120



55.3312, -11.6648, 8.7994



55.3312, -2.1095, -8.5449



55.3312, 6.3287, -3.4775

Sweetspot

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



55.3312, -3.7960, 12.5128



77.4478, -4.6194, 8.4986



49.1986, 8.5328, 2.7228



36.7109, -2.2098, 4.2258



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.



55.3312, -3.7960, 12.5128



73.5610, -5.1485, 19.5358



57.0467, -9.7877, 14.1119



27.2589, -1.6996, 3.7478



40.1527, 2.8323, 24.7915



5.9298, -0.5733, 3.6439

Inverse Universe

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



49.3032, -0.8819, -8.5354



63.4905, -0.2289, -15.7384



47.6815, 5.0184, -10.7544



25.8837, -1.0436, -1.0349



18.1386, 23.3594, -73.0979



3.4789, 0.6445, -5.7397

Previews

White Background



This preview shows how the HunterLab color 55.3300, -3.7944, 12.5120 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 55.3300, -3.7944, 12.5120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

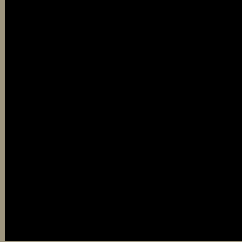
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

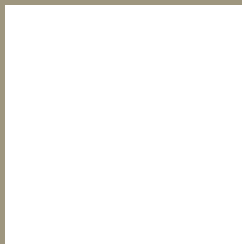
Any Text WCAG AAA ✓ Pass

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

HunterLab 55.3300, -3.7944, 12.5120 Background



This preview shows how black text looks on a background with the HunterLab color 55.3300, -3.7944, 12.5120.



This preview shows how white text looks on a background with the HunterLab color 55.3300, -3.7944,

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

55.3300, -3.7944, 12.5120

Protanopia

55.3300, -3.7944, 12.5120

Deuteranopia

55.4018, 3.7489, 12.3486



Tritanopia

55.3836, 3.8448, 0.0463

Trichromacy



Original Color

55.3300, -3.7944, 12.5120

Protanomaly

55.3300, -3.7944, 12.5120

Deuteranomaly

55.4534, 1.0643, 12.3537

Tritanomaly

55.2448, 1.2878, 4.8787

Monochromacy



Original Color

55.3300, -3.7944, 12.5120

Achromatopsia

55.2257, -2.9467, 3.0005

Achromatomaly

55.2612, -3.2737, 6.5375

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.3300, -3.7944, 12.5120 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, 150, 127)` looks like.

```
.text, #text, p{  
    color:rgb(158, 150, 127)  
}
```

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, 150, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 150, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 55.3300, -3.7944, 12.5120 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, 150, 127) }
```


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

```
.border{ border-color:rgb(158, 150, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 150, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 150, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 150, 127);  
box-shadow:4px 4px 4px 4px rgb(158, 150,  
127) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.3300, -3.7944, 12.5120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 150, 127) }
```

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

```
.background{ background-color: rgb(158,  
150, 127) }
```

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