

Converting Colors

HunterLab(56.7028, -0.9751,
15.8104)

Have a look what the booklet for
HunterLab(56.7028, -0.9751,
15.8104) contains.

HunterLab(56.6431, -0.9400, 15.6140)	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(56.6431, -0.9400,
15.6140)**

Conversions

Conversions Part 1

Format	Color
Hex	AA977A
RGB	170, 151, 122
RGB Percent	67%, 59%, 48%
CMY	0.3333, 0.4078, 0.5216
CMYK	0.00, 0.11, 0.28, 0.33
HSL	36°, 22%, 57%
HSV	36°, 28%, 67%
XYZ	31.1570, 32.0844, 22.9631
YIQ	153.3750, 20.6330, -4.9910

Conversions

Conversions Part 2

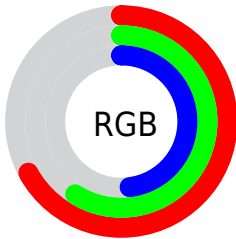
Format	Color
RYB	153, 170, 122
Decimal	11179898
CIELab	63.41, 2.46, 17.87
CIELCh	63, 18.040, 82.175
Yxy	32.0859, 0.3614, 0.3722
Android (android.graphics.Color)	4289369978 (0xFFAA977A)
YUV	153.3750, -15.4679, 14.5801
Hunter-Lab	56.6431, -0.9400, 15.6140

Details

The HunterLab color $56.6431, -0.9400, 15.6140$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $51.0772, -2.6941, -12.7188$, and the grayscale version is $56.6479, -3.0226, 3.0778$.

A 20% lighter version of the original color is $79.3263, -1.7090, 18.5371$, and $36.5750, -0.0932, 12.3177$ is the 20% darker color. If you saturate the color by 10%, you get $54.4026, 0.4153, 18.9643$, and if you desaturate by 10%, it is $58.9683, -2.0333, 11.7406$.

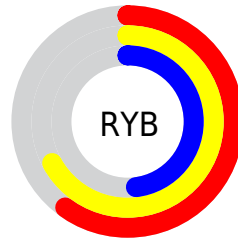
Distribution



Red (67%)

Green (59%)

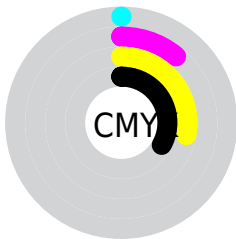
Blue (48%)



Red (60%)

Yellow (67%)

Blue (48%)

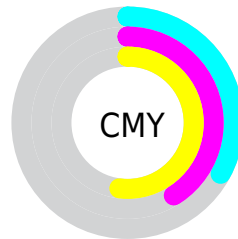


Cyan (0%)

Magenta (11%)

Yellow (28%)

Black (33%)



Cyan (33%)

Magenta (41%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.6431, -0.9400, 15.6140 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 56.6431, -0.9400, 15.6140 by changing the saturation by 10% instead.

■ 56.6431, -0.9400,
15.6140

■ 56.6431, -0.9400,
15.6140

176.4965, -6.3952,
29.2680

■ 46.2894, -0.5224,
14.0073

■ 79.3383, -1.9097,
18.7273

■ 36.6559, -0.1513,
12.3456

■ 91.6054, -2.4519,
20.2519

■ 27.8026, 0.1657,
10.6048

■ 104.4467, -3.0298,
21.7641

■ 19.8055, 0.4207,
8.7454

117.8376, -3.6414,
23.2685

■ 12.7685, 0.6016,
7.2318

131.7564, -4.2851,
24.7686

■ 6.1476, 1.4126,
4.3033

146.1837, -4.9595,

0.0000, NaN, NaN

26.2671

0.0000, NaN, NaN

161.1023, -5.6632,
27.7663

0.0000, NaN, NaN

■ 56.6431, -0.9400,
15.6140

■ 56.6431, -0.9400,
15.6140

■ 54.4026, 0.4153,
18.9643

■ 58.9683, -2.0333,
11.7406

■ 52.2479, 2.0493,
21.7535

■ 61.3696, -2.8720,
7.3781

■ 50.1852, 3.9677,
23.9503

■ 63.8436, -3.4722,
2.5634

■ 48.2194, 6.1733,
25.5291

■ 66.3861, -3.8485,
-2.6693

■ 46.3546, 8.6615,
26.4763

■ 68.9928, -4.0154,
-8.2876

■ 44.5943, 11.4170,
26.7987

■ 71.6601, -3.9870,
-14.2615

■ 42.9361, 14.3913,
26.5899

■ 74.3845, -3.7769,
-20.5634

■ 42.6513, 14.9224,
26.5428

■ 77.0364, -4.0892,
-25.4157

■ 79.1396, -7.5397,
-22.2450

Harmonies

Analogous

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



56.6444, 6.5968, 13.3532



56.6431, -0.9400, 15.6140



56.6444, -8.6469, 14.9014

Triad

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



56.6444, -0.9419, 15.6148



56.6444, -16.4202, -2.6478



56.6444, 9.4827, -6.5160

Complementary

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



56.6431, -0.9400, 15.6140



51.0772, -2.6941, -12.7188

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.



56.6444, 2.8242, -12.0008



56.6431, -0.9400, 15.6140



56.6444, -12.0454, -9.5629

Square

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



56.6444, -0.9419, 15.6148



56.6444, -17.3058, 5.0161



56.6444, -5.0793, -13.1862



56.6444, 12.8268, 1.0799

Rectangle

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



56.6431, -0.9400, 15.6140



56.6444, -12.8700, 12.7831



56.6444, -5.0793, -13.1862



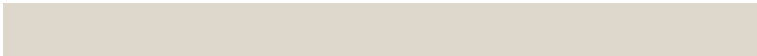
56.6444, 7.5410, -8.7083

Sweetspot

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



56.6444, -0.9419, 15.6148



82.6939, -3.8772, 9.8829



49.3908, 16.0599, 0.3715



38.8221, -1.7621, 5.0960



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



56.6444, -0.9419, 15.6148



74.3593, -0.1443, 23.9971



61.7863, -11.4997, 20.2023



28.7541, -1.3154, 3.6958



36.7324, 12.4868, 22.8530



6.5107, 0.4548, 4.0198

Inverse Universe

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



51.0772, -2.6941, -12.7188



65.2481, -2.9157, -22.5465



46.1719, 7.8780, -20.2464



27.8738, -1.6065, -0.7589



22.8364, 13.7934, -58.3196



4.7666, -0.1969, -5.5327

Previews

White Background



This preview shows how the HunterLab color 56.6431, -0.9400, 15.6140 looks on a white background.

Color Contrast Check

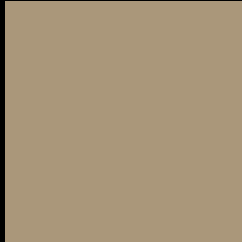
Large Text (above 18pt) WCAG AA × Fail

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 56.6431, -0.9400, 15.6140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

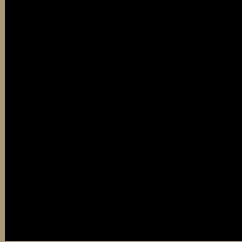
Any Text WCAG AA ✓ Pass

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 56.6431, -0.9400, 15.6140 Background



This preview shows how black text looks on a background with the HunterLab color 56.6431, -0.9400, 15.6140.



This preview shows how white text looks on a background with the HunterLab color 56.6431, -0.9400,

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

56.6431, -0.9400, 15.6140

Protanopia

56.5677, -4.1053, 15.1442

Deuteranopia

56.7394, 3.7536, 15.4470



Tritanopia

56.5907, 7.9136, 1.1188

Trichromacy



Original Color

56.6431, -0.9400, 15.6140

Protanomaly

56.5628, -2.6412, 15.1651

Deuteranomaly

56.7054, 2.2114, 15.3873

Tritanomaly

56.6643, 4.5851, 6.9671

Monochromacy



Original Color

56.6431, -0.9400, 15.6140

Achromatopsia

56.4399, -3.0115, 3.0665

Achromatomaly

56.3741, -2.3699, 7.7811

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.6431, -0.9400, 15.6140 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(170, 151, 122)` looks like.

```
.text, #text, p{  
    color:rgb(170, 151, 122)  
}
```

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(170, 151, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 151, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 56.6431, -0.9400, 15.6140 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(170, 151, 122) }
```


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

```
.border{ border-color:rgb(170, 151, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 151, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 151, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 151, 122);  
box-shadow:4px 4px 4px 4px rgb(170, 151,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.6431, -0.9400, 15.6140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 151, 122) }
```

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

```
.background{ background-color: rgb(170,  
151, 122) }
```

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