

Converting Colors

HunterLab(56.4674, -11.2788,
20.8462)

Have a look what the booklet for
HunterLab(56.4674, -11.2788,
20.8462) contains.

HunterLab(56.4674, -11.2788, 20.8462)	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(56.4674,
-11.2788, 20.8462)**

Conversions

Conversions Part 1

Format	Color
Hex	999D68
RGB	153, 157, 104
RGB Percent	60%, 62%, 41%
CMY	0.4000, 0.3843, 0.5922
CMYK	0.03, 0.00, 0.34, 0.38
HSL	65°, 21%, 51%
HSV	65°, 34%, 62%
XYZ	27.6925, 31.8857, 17.7916
YIQ	149.7620, 14.6290, -17.3310

Conversions

Conversions Part 2

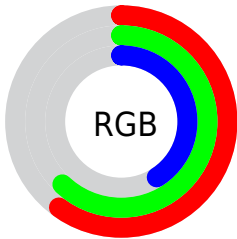
Format	Color
RYB	104, 157, 108
Decimal	10067304
CIELab	63.25, -10.12, 27.29
CIELCh	63, 29.110, 110.341
Yxy	31.8871, 0.3579, 0.4121
Android (android.graphics.Color)	4288257384 (0xFF999D68)
YUV	149.7620, -22.5607, 2.8397
Hunter-Lab	56.4674, -11.2788, 20.8462

Details

The HunterLab color **56.4674, -11.2788, 20.8462** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **39.4003, 9.0705, -23.5665**, and the grayscale version is **55.2146, -2.9461, 2.9999**.

A 20% lighter version of the original color is **78.9929, -13.2594, 24.8355**, and **36.5517, -9.1011, 16.2948** is the 20% darker color. If you saturate the color by 10%, you get **56.1091, -13.1049, 24.5196**, and if you desaturate by 10%, it is **56.8792, -9.1839, 16.4642**.

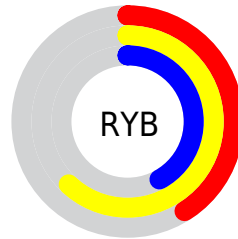
Distribution



Red (60%)

Green (62%)

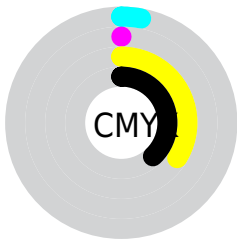
Blue (41%)



Red (41%)

Yellow (62%)

Blue (42%)

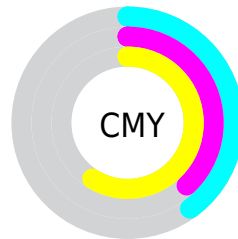


Cyan (3%)

Magenta (0%)

Yellow (34%)

Black (38%)



Cyan (40%)

Magenta (38%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.4674, -11.2788, 20.8462 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 56.4674, -11.2788, 20.8462 by changing the saturation by 10% instead.

■ 56.4674, -11.2788,
20.8462

■ 56.4674, -11.2788,
20.8462

176.2398,
-21.6838, 38.6264

■ 46.1251, -10.1557,
18.6197

■ 79.1417, -13.5315,
25.0639

■ 36.5039, -9.0237,
16.2791

■ 91.3991, -14.6650,
27.0882

■ 27.6640, -7.8746,
13.7851

■ 104.2312,
-15.8069, 29.0720

■ 19.6817, -6.6918,
11.0834

■ 117.6132,
-16.9587, 31.0240

■ 12.6616, -5.4447,
8.8631

131.5235,
-18.1216, 32.9506

■ 5.9978, -7.6720,
4.1985

145.9426,

0.0000, NaN, NaN

-19.2963, 34.8571

0.0000, NaN, NaN

160.8533,
-20.4836, 36.7479

0.0000, NaN, NaN

■ 56.4674, -11.2788,
20.8462

■ 56.4674, -11.2788,
20.8462

■ 56.1091, -13.1049,
24.5196

■ 56.8792, -9.1839,
16.4642

■ 55.7986, -14.6634,
27.5019

■ 57.3423, -6.8120,
11.3607

■ 55.5346, -15.9660,
29.8219

■ 57.8591, -4.1644,
5.5326

■ 55.3142, -17.0264,
31.5180

■ 58.4305, -1.2434,
-1.0174

■ 55.1336, -17.8632,
32.6407

■ 59.0570, 1.9467,
-8.2801

■ 54.9883, -18.5014,
33.2562

■ 59.7390, 5.3992,
-16.2415

■ 54.9073, -18.8455,
33.5037

■ 60.4764, 9.1060,
-24.8827

■ 61.2690, 13.0577,
-34.1812

■ 62.1164, 17.2434,
-44.1110

Harmonies

Analogous

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



56.4687, 1.1524, 21.5566



56.4674, -11.2788, 20.8462



56.4687, -20.6623, 16.0136

Triad

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



56.4687, -11.2805, 20.8468



56.4687, -17.8131, -17.9666



56.4687, 23.2152, -0.9768

Complementary

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



56.4674, -11.2788, 20.8462



39.4003, 9.0705, -23.5665

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.



56.4687, 17.1044, -13.9098



56.4674, -11.2788, 20.8462



56.4687, -7.0669, -25.0575

Square

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



56.4687, -11.2805, 20.8468



56.4687, -24.1955, -5.6401



56.4687, 5.7528, -23.4276



56.4687, 21.8335, 10.5880

Rectangle

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



56.4674, -11.2788, 20.8462



56.4687, -24.2800, 10.3637



56.4687, 5.7528, -23.4276



56.4687, 21.9500, -5.3398

Sweetspot

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



56.4687, -11.2805, 20.8468



76.9742, -7.8946, 12.5329



43.3535, 13.5503, 9.0400



36.0665, -3.9145, 6.3421



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



56.4687, -11.2805, 20.8468



75.1752, -17.0847, 31.9185



54.4284, -18.8225, 18.9420



27.7396, -2.7238, 4.2517



49.4889, -16.9563, 30.1980



6.6686, -2.0756, 4.0728

Inverse Universe

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



39.4003, 9.0705, -23.5665



47.2935, 16.7404, -42.1826



41.7213, 16.2943, -19.3393



25.4126, -0.0176, -1.6216



14.3067, 38.3197, -97.8784



2.0691, 5.2518, -11.9072

Previews

White Background



This preview shows how the HunterLab color 56.4674, -11.2788, 20.8462 looks on a white background.

Color Contrast Check

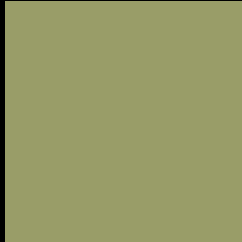
Large Text (above 18pt) WCAG AA × Fail

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 56.4674, -11.2788, 20.8462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

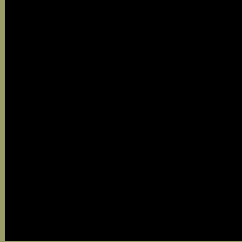
Any Text WCAG AA ✓ Pass

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 56.4674, -11.2788, 20.8462 Background



This preview shows how black text looks on a background with the HunterLab color 56.4674, -11.2788, 20.8462.



This preview shows how white text looks on a background with the HunterLab color 56.4674,

-11.2788, 20.8462.

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

56.4674, -11.2788, 20.8462

Protanopia

56.4347, -5.4051, 21.4738

Deuteranopia

56.1636, 3.9627, 20.2824



Tritanopia

56.4756, 2.0722, -1.0496

Trichromacy



Original Color

56.4674, -11.2788, 20.8462

Protanomaly

56.2739, -7.4379, 21.0258

Deuteranomaly

56.1164, -1.9796, 20.4236

Tritanomaly

56.4568, -3.6205, 8.2611

Monochromacy



Original Color

56.4674, -11.2788, 20.8462

Achromatopsia

55.2257, -2.9467, 3.0005

Achromatomaly

55.7272, -6.5950, 10.6144

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.4674, -11.2788, 20.8462 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(153, 157, 104)` looks like.

```
.text, #text, p{  
    color:rgb(153, 157, 104)  
}
```

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(153, 157, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 157, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 56.4674, -11.2788, 20.8462 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(153, 157, 104) }
```


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

```
.border{ border-color:rgb(153, 157, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 157, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 157, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 157, 104);  
box-shadow:4px 4px 4px 4px rgb(153, 157,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.4674, -11.2788, 20.8462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 157, 104) }
```

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

```
.background{ background-color: rgb(153,  
157, 104) }
```

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