

Converting Colors

HunterLab(56.2381, -12.0400,
24.5209)

Have a look what the booklet for
HunterLab(56.2381, -12.0400,
24.5209) contains.

HunterLab(56.3948, -12.0355, 24.6031)	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(56.3948,
-12.0355, 24.6031)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9D59
RGB	155, 157, 89
RGB Percent	61%, 62%, 35%
CMY	0.3922, 0.3843, 0.6510
CMYK	0.01, 0.00, 0.43, 0.38
HSL	62°, 28%, 48%
HSV	62°, 43%, 62%
XYZ	27.3777, 31.8037, 14.1470
YIQ	148.6500, 20.6360, -21.5720

Conversions

Conversions Part 2

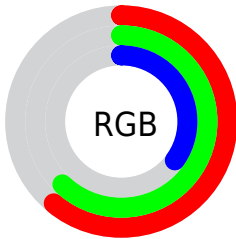
Format	Color
RYB	89, 157, 91
Decimal	10198361
CIELab	63.18, -11.09, 35.22
CIELCh	63, 36.925, 107.474
Yxy	31.8052, 0.3734, 0.4337
Android (android.graphics.Color)	4288388441 (0xFF9B9D59)
YUV	148.6500, -29.4074, 5.5690
Hunter-Lab	56.3948, -12.0355, 24.6031

Details

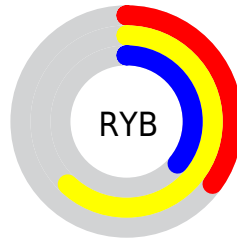
The HunterLab color $56.3948, -12.0355, 24.6031$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $34.3570, 12.4750, -33.6612$, and the grayscale version is $54.7906, -2.9235, 2.9769$.

A 20% lighter version of the original color is $78.9499, -14.0558, 29.7699$, and $36.4595, -9.7845, 18.8834$ is the 20% darker color. If you saturate the color by 10%, you get $56.1455, -13.3718, 27.6507$, and if you desaturate by 10%, it is $56.6953, -10.4357, 20.8602$.

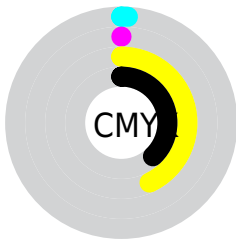
Distribution



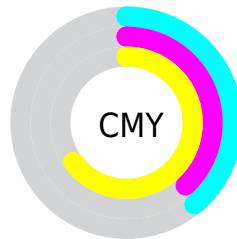
- Red (61%)
- Green (62%)
- Blue (35%)



- Red (35%)
- Yellow (62%)
- Blue (36%)



- Cyan (1%)
- Magenta (0%)
- Yellow (43%)
- Black (38%)



- Cyan (39%)
- Magenta (38%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.3948, -12.0355, 24.6031 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 56.3948, -12.0355, 24.6031 by changing the saturation by 10% instead.

■ 56.3948, -12.0355,
24.6031

■ 56.3948, -12.0355,
24.6031

176.1337,
-22.8314, 46.0032

■ 46.0573, -10.8560,
21.8341

■ 79.0605, -14.3905,
29.7909

■ 36.4412, -9.6626,
18.9034

■ 91.3139, -15.5708,
32.2543

■ 27.6068, -8.4458,
15.7634

■ 104.1421,
-16.7573, 34.6526

■ 19.6307, -7.1867,
12.7391

■ 117.5205,
-17.9517, 36.9973

■ 12.6176, -5.8504,
8.8323

■ 131.4273,
-19.1553, 39.2980

■ 5.9348, -8.4576,
4.1543

145.8430,

0.0000, NaN, NaN

-20.3694, 41.5619

0.0000, NaN, NaN

160.7504,
-21.5945, 43.7953

0.0000, NaN, NaN

■ 56.3948, -12.0355,
24.6031

■ 56.3948, -12.0355,
24.6031

■ 56.1455, -13.3718,
27.6507

■ 56.6953, -10.4357,
20.8602

■ 55.9411, -14.4503,
30.0312

■ 57.0453, -8.5594,
16.3992

■ 55.7797, -15.2877,
31.7851

■ 57.4478, -6.4038,
11.2078

■ 55.6575, -15.9037,
32.9639

■ 57.9042, -3.9672,
5.2805

■ 55.5699, -16.3235,
33.6343

■ 58.4155, -1.2507,
-1.3815

■ 55.5222, -16.5426,
33.9229

■ 58.9824, 1.7424,
-8.7705

■ 59.6052, 5.0068,
-16.8734

■ 60.2842, 8.5350,
-25.6722

■ 61.0193, 12.3183,
-35.1448

Harmonies

Analogous

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



56.3961, 3.8826, 24.9641



56.3948, -12.0355, 24.6031



56.3961, -24.1223, 19.6098

Triad

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



56.3961, -12.0373, 24.6036



56.3961, -22.5055, -23.3294



56.3961, 30.6180, -3.7207

Complementary

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



56.3948, -12.0355, 24.6031



34.3570, 12.4750, -33.6612

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.



56.3961, 21.7475, -20.7714



56.3948, -12.0355, 24.6031



56.3961, -9.5909, -34.0532

Square

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



56.3961, -12.0373, 24.6036



56.3961, -29.6823, -6.5405



56.3961, 6.6187, -33.0037



56.3961, 29.7717, 11.2393

Rectangle

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



56.3948, -12.0355, 24.6031



56.3961, -28.9265, 13.2552



56.3961, 6.6187, -33.0037



56.3961, 28.6355, -9.4612

Sweetspot

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



56.3961, -12.0373, 24.6036



76.8807, -8.5505, 14.9522



39.0192, 20.3564, 10.0380



36.0087, -4.3060, 7.7277



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.



56.3961, -12.0373, 24.6036



75.1439, -17.8439, 36.8892



53.8189, -21.6521, 22.3714



27.7676, -2.6253, 4.2836



50.0387, -14.8970, 30.5728



6.7118, -1.9149, 4.1022

Inverse Universe

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



34.3570, 12.4750, -33.6612



39.8114, 22.8338, -60.1460



37.2489, 21.0270, -27.4555



25.3853, -0.1114, -1.6588



14.1572, 38.2097, -99.1060



1.9561, 5.1570, -12.7453

Previews

White Background



This preview shows how the HunterLab color 56.3948, -12.0355, 24.6031 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 56.3948, -12.0355, 24.6031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

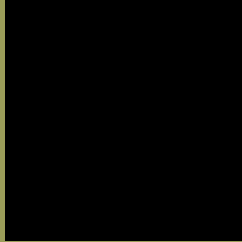
Any Text WCAG AA ✓ Pass

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 56.3948, -12.0355, 24.6031 Background



This preview shows how black text looks on a background with the HunterLab color 56.3948, -12.0355, 24.6031.



This preview shows how white text looks on a background with the HunterLab color 56.3948,

-12.0355, 24.6031.

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

56.3948, -12.0355, 24.6031

Protanopia

56.4020, -5.9719, 24.9449

Deuteranopia

56.2537, 3.7886, 24.0579



Tritanopia

56.4088, 3.1685, -0.1421

Trichromacy



Original Color

56.3948, -12.0355, 24.6031

Protanomaly

56.2159, -8.1329, 24.7602

Deuteranomaly

56.1842, -2.2160, 24.1370

Tritanomaly

56.2595, -3.1796, 10.8420

Monochromacy



Original Color

56.3948, -12.0355, 24.6031

Achromatopsia

54.8219, -2.9252, 2.9786

Achromatomaly

55.2884, -6.9323, 12.4152

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.3948, -12.0355, 24.6031 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(155, 157, 89)` looks like.

```
.text, #text, p{  
    color:rgb(155, 157, 89)  
}
```

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(155, 157, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 157, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 56.3948, -12.0355, 24.6031 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(155, 157, 89) }
```


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

```
.border{ border-color:rgb(155, 157, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 157, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 157, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 157, 89);  
box-shadow:4px 4px 4px 4px rgb(155, 157,  
89) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.3948, -12.0355, 24.6031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 157, 89) }
```

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

```
.background{ background-color: rgb(155,  
157, 89) }
```

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