

Converting Colors

HunterLab(49.3265, -11.8982,
20.1099)

Have a look what the booklet for
HunterLab(49.3265, -11.8982,
20.1099) contains.

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Color

**HunterLab(49.2968,
-12.0622, 20.0776)**

Conversions

Conversions Part 1

Format	Color
Hex	848C54
RGB	132, 140, 84
RGB Percent	52%, 55%, 33%
CMY	0.4824, 0.4510, 0.6706
CMYK	0.06, 0.00, 0.40, 0.45
HSL	69°, 25%, 44%
HSV	69°, 40%, 55%
XYZ	20.4940, 24.3017, 11.9980
YIQ	131.2240, 13.2080, -19.1120

Conversions

Conversions Part 2

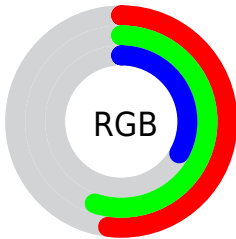
Format	Color
RYB	84, 140, 92
Decimal	8686676
CIELab	56.39, -12.20, 28.92
CIELCh	56, 31.391, 112.866
Yxy	24.3028, 0.3608, 0.4279
Android (android.graphics.Color)	4286876756 (0xFF848C54)
YUV	131.2240, -23.2814, 0.6806
Hunter-Lab	49.2968, -12.0622, 20.0776

Details

The HunterLab color $49.2968, -12.0622, 20.0776$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $32.4191, 11.0921, -25.2076$, and the grayscale version is $47.8153, -2.5513, 2.5979$.

A 20% lighter version of the original color is $71.2348, -14.7952, 24.8632$, and $30.3236, -9.6038, 15.0950$ is the 20% darker color. If you saturate the color by 10%, you get $48.9338, -13.8096, 22.8902$, and if you desaturate by 10%, it is $49.7066, -10.0840, 16.6688$.

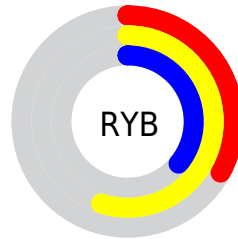
Distribution



Red (52%)

Green (55%)

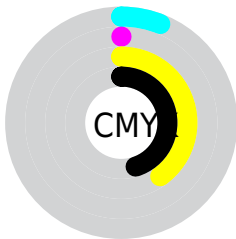
Blue (33%)



Red (33%)

Yellow (55%)

Blue (36%)

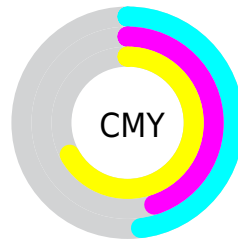


Cyan (6%)

Magenta (0%)

Yellow (40%)

Black (45%)



Cyan (48%)

Magenta (45%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.2968, -12.0622, 20.0776 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 49.2968, -12.0622, 20.0776 by changing the saturation by 10% instead.

■ 49.2968, -12.0622,
20.0776

■ 49.2968, -12.0622,
20.0776

165.6345,
-23.2837, 38.8500

■ 39.4442, -10.8063,
17.6599

■ 71.0802, -14.5420,
24.6016

■ 30.3517, -9.5232,
15.0911

■ 82.9273, -15.7756,
26.7526

■ 22.0904, -8.1961,
12.3172

■ 95.3681, -17.0108,
28.8504

■ 14.7545, -6.7928,
10.3281

■ 108.3753,
-18.2502, 30.9059

■ 8.4106, -6.7689,
5.8874

■ 121.9255,
-19.4959, 32.9276

0.0000, NaN, NaN

0.0000, NaN, NaN

135.9975,

-20.7493, 34.9221

0.0000, NaN, NaN

150.5728,
-22.0116, 36.8948

0.0000, NaN, NaN

■ 49.2968, -12.0622,
20.0776

■ 49.2968, -12.0622,
20.0776

■ 48.9338, -13.8096,
22.8902

■ 49.7066, -10.0840,
16.6688

■ 48.6125, -15.3271,
25.1232

■ 50.1612, -7.8685,
12.6517

■ 48.3320, -16.6247,
26.8037

■ 50.6627, -5.4172,
8.0224

■ 48.0894, -17.7149,
27.9678

■ 51.2118, -2.7327,
2.7828

■ 47.8813, -18.6150,
28.6639

■ 51.8088, 0.1805,
-3.0604

■ 47.6969, -19.3863,
29.0512

■ 52.4540, 3.3164,
-9.4956

■ 53.1472, 6.6674,
-16.5075

■ 53.8883, 10.2248,
-24.0775

■ 54.6766, 13.9791,
-32.1843

Harmonies

Analogous

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



49.2979, 0.5412, 21.0590



49.2968, -12.0622, 20.0776



49.2979, -21.1868, 15.0902

Triad

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



49.2979, -12.0636, 20.0781



49.2979, -16.9652, -20.5559



49.2979, 24.9986, -0.3929

Complementary

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



49.2968, -12.0622, 20.0776



32.4191, 11.0921, -25.2076

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.



49.2979, 19.1489, -14.1254



49.2968, -12.0622, 20.0776



49.2979, -5.7290, -27.5853

Square

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



49.2979, -12.0636, 20.0781



49.2979, -23.8032, -7.5893



49.2979, 7.5645, -24.9667



49.2979, 22.8494, 11.1322

Rectangle

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



49.2968, -12.0622, 20.0776



49.2979, -24.5112, 9.2467



49.2979, 7.5645, -24.9667



49.2979, 23.8836, -4.9282

Sweetspot

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



49.2979, -12.0636, 20.0781



67.1126, -7.9530, 12.1072



37.1192, 12.9317, 9.7014



32.1796, -3.9944, 6.1482



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



49.2979, -12.0636, 20.0781



65.0177, -18.1203, 30.0582



47.2996, -19.5623, 18.2893



24.1026, -2.4694, 3.6103



44.9663, -18.2462, 27.3886



3.7272, -1.2511, 2.2748

Inverse Universe

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



32.4191, 11.0921, -25.2076



38.0376, 19.6520, -44.4004



34.9136, 18.5384, -20.2978



22.1908, 0.0733, -1.3026



13.4921, 35.5749, -87.9415



1.2602, 3.0449, -6.0607

Previews

White Background



This preview shows how the HunterLab color 49.2968, -12.0622, 20.0776 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 49.2968, -12.0622, 20.0776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

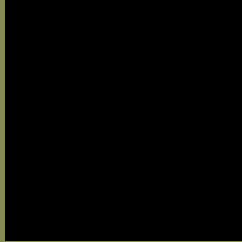
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 49.2968, -12.0622, 20.0776 Background



This preview shows how black text looks on a background with the HunterLab color 49.2968, -12.0622, 20.0776.



This preview shows how white text looks on a background with the HunterLab color 49.2968,

-12.0622, 20.0776.

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

49.2968, -12.0622, 20.0776

Protanopia

49.2271, -4.9248, 20.6328

Deuteranopia

49.1517, 3.4464, 19.7273



Tritanopia

49.2414, 0.8017, -0.9332

Trichromacy



Original Color

49.2968, -12.0622, 20.0776

Protanomaly

49.2612, -7.7127, 20.3698

Deuteranomaly

49.0982, -2.3906, 19.8339

Tritanomaly

49.2420, -4.7193, 8.0906

Monochromacy



Original Color

49.2968, -12.0622, 20.0776

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

48.0525, -6.3715, 9.8556

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.2968, -12.0622, 20.0776 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(132, 140, 84)` looks like.

```
.text, #text, p{  
    color:rgb(132, 140, 84)  
}
```

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(132, 140, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 140, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 49.2968, -12.0622, 20.0776 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(132, 140, 84) }
```


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

```
.border{ border-color:rgb(132, 140, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 140, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 140, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 140, 84);  
box-shadow:4px 4px 4px 4px rgb(132, 140,  
84) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.2968, -12.0622, 20.0776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 140, 84) }
```

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

```
.background{ background-color: rgb(132,  
140, 84) }
```

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](#).

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