

Converting Colors

HunterLab(49.9720, -12.0132,
3.8205)

Have a look what the booklet for
HunterLab(49.9720, -12.0132,
3.8205) contains.

HunterLab(49.9435, -12.1142, 3.7878)	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(49.9435,
-12.1142, 3.7878)**

Conversions

Conversions Part 1

Format	Color
Hex	728F86
RGB	114, 143, 134
RGB Percent	45%, 56%, 53%
CMY	0.5529, 0.4392, 0.4745
CMYK	0.20, 0.00, 0.06, 0.44
HSL	161°, 11%, 50%
HSV	161°, 20%, 56%
XYZ	21.0649, 24.9435, 26.2586
YIQ	133.3030, -14.3950, -8.9470

Conversions

Conversions Part 2

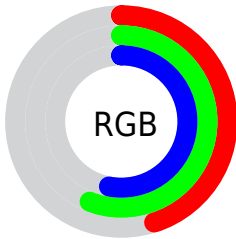
Format	Color
RYB	114, 131, 143
Decimal	7507846
CIELab	57.02, -12.16, 1.41
CIELCh	57, 12.243, 173.395
Yxy	24.9446, 0.2915, 0.3452
Android (android.graphics.Color)	4285697926 (0xFF728F86)
YUV	133.3030, 0.3436, -16.9287
Hunter-Lab	49.9435, -12.1142, 3.7878

Details

The HunterLab color $49.9435, -12.1142, 3.7878$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $43.9374, 8.1032, 1.9278$, and the grayscale version is $48.5539, -2.5907, 2.6380$.

A 20% lighter version of the original color is $71.8522, -14.7895, 5.2219$, and $30.9719, -9.8550, 2.8559$ is the 20% darker color. If you saturate the color by 10%, you get $48.9266, -16.1379, 4.4596$, and if you desaturate by 10%, it is $51.0942, -7.7015, 3.2534$.

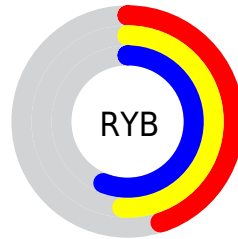
Distribution



Red (45%)

Green (56%)

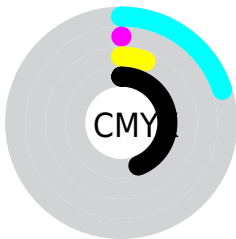
Blue (53%)



Red (45%)

Yellow (51%)

Blue (56%)

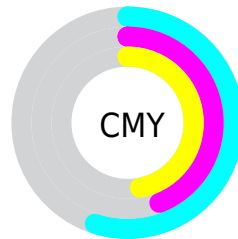


Cyan (20%)

Magenta (0%)

Yellow (6%)

Black (44%)



Cyan (55%)

Magenta (44%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9435, -12.1142, 3.7878 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 49.9435, -12.1142, 3.7878 by changing the saturation by 10% instead.

■ 49.9435, -12.1142,
3.7878

■ 49.9435, -12.1142,
3.7878

166.6019,
-23.3216, 10.6771

■ 40.0447, -10.8612,
3.1719

■ 71.8104, -14.5885,
5.1193

■ 30.9022, -9.5826,
2.5899

■ 83.6959, -15.8202,
5.8308

■ 22.5860, -8.2618,
2.0442

■ 96.1732, -17.0539,
6.5713

■ 15.1882, -6.8680,
1.5365

■ 109.2154,
-18.2920, 7.3399

■ 8.8165, -6.4815,
1.1420

122.7991,
-19.5365, 8.1356

0.0000, NaN, NaN

136.9035,

0.0000, NaN, NaN

-20.7889, 8.9576

0.0000, NaN, NaN

151.5099,
-22.0503, 9.8050

0.0000, NaN, NaN

■ 49.9435, -12.1142,
3.7878

■ 49.9435, -12.1142,
3.7878

■ 48.9266, -16.1379,
4.4596

■ 51.0942, -7.7015,
3.2534

■ 48.0414, -19.7367,
5.2613

■ 52.3732, -2.9349,
2.8567

■ 47.2884, -22.8853,
6.1850

■ 53.7779, 2.1451,
2.5981

■ 46.6653, -25.5667,
7.2188

■ 55.3042, 7.4989,
2.4750

■ 46.1673, -27.7762,
8.3475

■ 56.9470, 13.0880,
2.4830

■ 45.7874, -29.5238,
9.5532

■ 58.7012, 18.8767,
2.6165

■ 45.5151, -30.8366,
10.8148

■ 60.5613, 24.8324,
2.8686

■ 45.3203, -31.8237,
12.0518

■ 62.5217, 30.9263,
3.2323

■ 64.5770, 37.1329,
3.6999

Harmonies

Analogous

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



49.9445, -10.3598, 8.0084



49.9435, -12.1142, 3.7878



49.9445, -11.4223, -1.1622

Triad

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



49.9445, -12.1151, 3.7885



49.9445, 1.3194, -6.7074



49.9445, 3.3663, 9.6952

Complementary

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



49.9435, -12.1142, 3.7878



43.9374, 8.1032, 1.9278

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.



49.9445, 6.7351, 6.3110



49.9435, -12.1142, 3.7878



49.9445, 5.5203, -3.2216

Square

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



49.9445, -12.1151, 3.7885



49.9445, -3.7999, -7.5565



49.9445, 7.5389, 1.6245



49.9445, -1.5251, 11.1886

Rectangle

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



49.9435, -12.1142, 3.7878



49.9445, -9.6512, -4.1848



49.9445, 7.5389, 1.6245



49.9445, 4.7222, 8.7586

Sweetspot

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



49.9445, -12.1151, 3.7885



69.0641, -7.7110, 4.1107



50.0853, -12.6105, 11.7958



33.0274, -3.8639, 1.9834



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



49.9445, -12.1151, 3.7885



66.2381, -18.5543, 5.4275



48.6289, -8.2326, -1.8644



24.6743, -3.4643, 1.5427



42.6189, -29.8958, 11.2666



4.2146, -2.6347, 0.4198

Inverse Universe

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



43.9374, 8.1032, 1.9278



56.5913, 13.9679, 2.4691



45.0826, 4.2542, 6.9171



23.3451, 0.9975, 1.1245



23.0871, 40.2599, 9.3177



2.3360, 4.2232, -0.2173

Previews

White Background



This preview shows how the HunterLab color 49.9435, -12.1142, 3.7878 looks on a white background.

Color Contrast Check

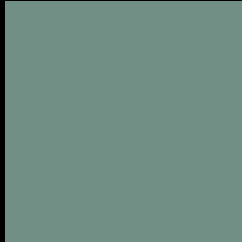
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.9435, -12.1142, 3.7878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

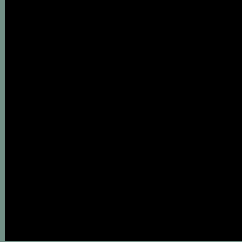
Any Text WCAG AA ✓ Pass

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 49.9435, -12.1142, 3.7878 Background



This preview shows how black text looks on a background with the HunterLab color 49.9435, -12.1142, 3.7878.



This preview shows how white text looks on a background with the HunterLab color 49.9435,

-12.1142, 3.7878.

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

49.9435, -12.1142, 3.7878

Protanopia

49.7951, -2.3682, 5.4959

Deuteranopia

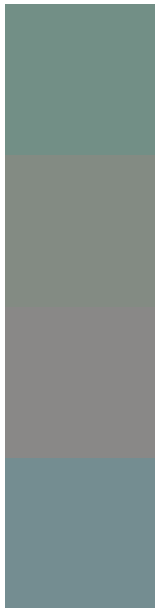
49.7636, 3.5666, 2.9750



Tritanopia

49.8047, -6.9422, -4.7953

Trichromacy



Original Color

49.9435, -12.1142, 3.7878

Protanomaly

49.9292, -6.2599, 5.1581

Deuteranomaly

49.6749, -2.5091, 3.2071

Tritanomaly

49.8067, -8.8969, -1.3536

Monochromacy



Original Color

49.9435, -12.1142, 3.7878

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

49.0106, -6.4316, 3.2431

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9435, -12.1142, 3.7878 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(114, 143, 134)` looks like.

```
.text, #text, p{  
    color:rgb(114, 143, 134)  
}
```

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(114, 143, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 143, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9435, -12.1142, 3.7878 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(114, 143, 134) }
```


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

```
.border{ border-color:rgb(114, 143, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 143, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 143, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 143, 134);  
box-shadow:4px 4px 4px 4px rgb(114, 143,  
134) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9435, -12.1142, 3.7878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 143, 134) }
```

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

```
.background{ background-color: rgb(114,  
143, 134) }
```

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