

Converting Colors

HunterLab(49.3653, -12.2770,
9.1799)

Have a look what the booklet for
HunterLab(49.3653, -12.2770,
9.1799) contains.

HunterLab(49.2987, -12.1827, 9.1744)	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(49.2987,
-12.1827, 9.1744)**

Conversions

Conversions Part 1

Format	Color
Hex	778D77
RGB	119, 141, 119
RGB Percent	47%, 55%, 47%
CMY	0.5333, 0.4470, 0.5333
CMYK	0.16, 0.00, 0.16, 0.45
HSL	120°, 9%, 51%
HSV	120°, 16%, 55%
XYZ	20.4624, 24.3036, 21.0654
YIQ	131.9140, -6.0500, -11.5060

Conversions

Conversions Part 2

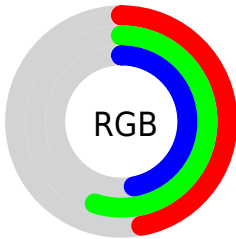
Format	Color
R_{YB}	119, 141, 141
Decimal	7834999
CIE _{Lab}	56.39, -12.36, 9.14
CIE _{LCh}	56, 15.371, 143.521
Yxy	24.3047, 0.3108, 0.3692
Android (android.graphics.Color)	4286025079 (0xFF778D77)
YUV	131.9140, -6.3666, -11.3256
Hunter-Lab	49.2987, -12.1827, 9.1744

Details

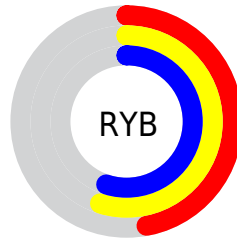
The HunterLab color $49.2987, -12.1827, 9.1744$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $45.5851, 7.8994, -4.5491$, and the grayscale version is $48.0284, -2.5627, 2.6095$.

A 20% lighter version of the original color is $71.1536, -14.9900, 11.4779$, and $30.3960, -9.7121, 6.9320$ is the 20% darker color. If you saturate the color by 10%, you get $48.0269, -17.5778, 12.8202$, and if you desaturate by 10%, it is $50.7363, -6.2700, 5.1794$.

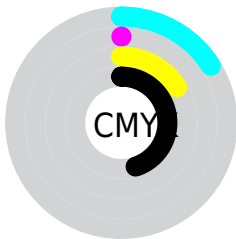
Distribution



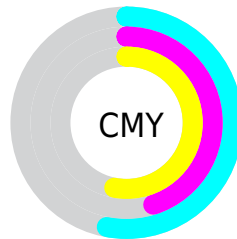
- Red (47%)
- Green (55%)
- Blue (47%)



- Red (47%)
- Yellow (55%)
- Blue (55%)



- Cyan (16%)
- Magenta (0%)
- Yellow (16%)
- Black (45%)



- Cyan (53%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.2987, -12.1827, 9.1744 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 49.2987, -12.1827, 9.1744 by changing the saturation by 10% instead.

■ 49.2987, -12.1827,
9.1744

■ 49.2987, -12.1827,
9.1744

165.6373,
-23.4717, 19.1486

■ 39.4459, -10.9164,
8.1015

■ 71.0823, -14.6801,
11.3225

■ 30.3532, -9.6222,
7.0181

■ 82.9295, -15.9219,
12.4053

■ 22.0918, -8.2828,
5.9112

■ 95.3704, -17.1648,
13.4977

■ 14.7557, -6.8654,
4.7560

108.3777,
-18.4116, 14.6013

■ 8.4118, -6.8518,
4.9612

121.9280,
-19.6643, 15.7175

0.0000, NaN, NaN

136.0001,

0.0000, NaN, NaN

-20.9245, 16.8470

0.0000, NaN, NaN

150.5755,
-22.1933, 17.9906

0.0000, NaN, NaN

■ 49.2987, -12.1827,
9.1744

■ 49.2987, -12.1827,
9.1744

■ 48.0269, -17.5778,
12.8202

■ 50.7363, -6.2700,
5.1794

■ 46.9219, -22.3880,
16.0714

■ 52.3310, 0.0958,
0.8793

■ 45.9866, -26.5585,
18.8906

■ 54.0768, 6.8467,
-3.6800

■ 45.2203, -30.0470,
21.2491

■ 55.9663, 13.9195,
-8.4556

■ 44.6193, -32.8307,
23.1313

■ 57.9912, 21.2568,
-13.4086

■ 44.1763, -34.9109,
24.5380

■ 60.1436, 28.8079,
-18.5047

■ 43.8796, -36.3175,
25.4892

■ 62.4153, 36.5293,
-23.7144

■ 43.7085, -37.1338,
26.0413

■ 64.7986, 44.3845,
-29.0131

■ 43.6471, -37.4274,
26.2398

■ 67.2859, 52.3433,
-34.3804

Harmonies

Analogous

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



49.2998, -7.4698, 12.2935



49.2987, -12.1827, 9.1744



49.2998, -14.3238, 3.9921

Triad

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



49.2998, -12.1837, 9.1750



49.2998, -4.0203, -10.4880



49.2998, 9.2204, 7.1493

Complementary

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



49.2987, -12.1827, 9.1744



45.5851, 7.8994, -4.5491

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.



49.2998, 10.2598, 1.3381



49.2987, -12.1827, 9.1744



49.2998, 2.3975, -9.3615

Square

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



49.2998, -12.1837, 9.1750



49.2998, -9.7690, -7.7384



49.2998, 7.7048, -4.8317



49.2998, 4.9332, 11.2329

Rectangle

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



49.2987, -12.1827, 9.1744



49.2998, -14.0851, -0.1455



49.2998, 7.7048, -4.8317



49.2998, 9.9700, 5.3542

Sweetspot

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



49.2998, -12.1837, 9.1750



67.9959, -7.9806, 6.6542



51.0349, -5.9274, 11.0676



32.0759, -4.0114, 3.3067



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.



49.2998, -12.1837, 9.1750



65.2984, -19.1362, 14.1916



49.5827, -10.5834, 5.1127



24.5548, -4.1310, 3.2523



41.6771, -35.7381, 25.0555



4.0751, -3.4944, 2.4498

Inverse Universe

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



45.5851, 7.8994, -4.5491



59.1524, 14.1220, -8.5358



45.2423, 6.0922, 0.3072



23.4756, 1.6978, -0.7309



26.2997, 51.7060, -34.6861



2.5716, 5.0558, -3.3917

Previews

White Background



This preview shows how the HunterLab color 49.2987, -12.1827, 9.1744 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 49.2987, -12.1827, 9.1744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

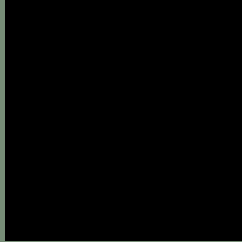
Any Text WCAG AA ✓ Pass

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 49.2987, -12.1827, 9.1744 Background



This preview shows how black text looks on a background with the HunterLab color 49.2987, -12.1827, 9.1744.



This preview shows how white text looks on a background with the HunterLab color 49.2987,

-12.1827, 9.1744.

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

49.2987, -12.1827, 9.1744

Protanopia

49.3353, -3.2228, 10.4868

Deuteranopia

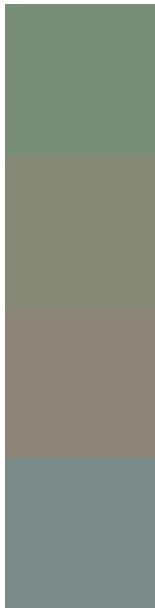
49.1101, 3.3641, 8.4815



Tritanopia

49.3098, -4.4693, -3.3814

Trichromacy



Original Color

49.2987, -12.1827, 9.1744

Protanomaly

49.2382, -6.4550, 9.9620

Deuteranomaly

49.0601, -2.5369, 8.7117

Tritanomaly

49.1128, -7.3338, 1.5635

Monochromacy



Original Color

49.2987, -12.1827, 9.1744

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

48.3449, -6.1544, 5.0577

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.2987, -12.1827, 9.1744 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(119, 141, 119)` looks like.

```
.text, #text, p{  
    color:rgb(119, 141, 119)  
}
```

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(119, 141, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 141, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 49.2987, -12.1827, 9.1744 is called "border". The border property can be set on classes, ids or directly on the HTML element.

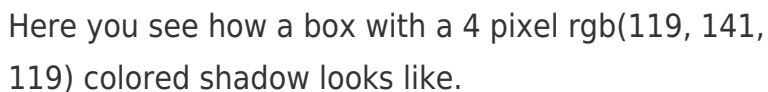
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 141, 119) }
```


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

```
.border{ border-color:rgb(119, 141, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 141, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 141, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 141, 119); box-shadow:4px 4px 4px 4px rgb(119, 141, 119) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.2987, -12.1827, 9.1744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 141, 119) }
```

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

```
.background{ background-color: rgb(119,  
141, 119) }
```

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