

Converting Colors

HunterLab(49.7983, -6.9786,
29.9797)

Have a look what the booklet for
HunterLab(49.7983, -6.9786,
29.9797) contains.

HunterLab(49.7983, -6.9786, 29.9797)	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(49.7983, -6.9786,
29.9797)**

Conversions

Conversions Part 1

Format	Color
Hex	9A8910
RGB	154, 137, 16
RGB Percent	60%, 54%, 6%
CMY	0.3961, 0.4627, 0.9372
CMYK	0.00, 0.11, 0.90, 0.40
HSL	53°, 81%, 33%
HSV	53°, 90%, 60%
XYZ	22.3656, 24.7987, 4.0980
YIQ	128.2890, 48.9730, -34.0270

Conversions

Conversions Part 2

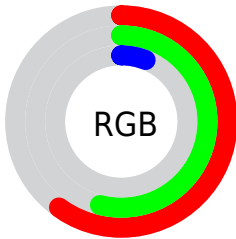
Format	Color
R_{YB}	35, 154, 16
Decimal	10127632
CIE _{Lab}	56.88, -5.45, 58.63
CIE _{LCh}	57, 58.880, 95.310
Yxy	24.7999, 0.4363, 0.4838
Android (android.graphics.Color)	4288317712 (0xFF9A8910)
YUV	128.2890, -55.3585, 22.5485
Hunter-Lab	49.7983, -6.9786, 29.9797

Details

The HunterLab color **49.7983, -6.9786, 29.9797** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **18.7912, 29.7182, -84.3599**, and the grayscale version is **46.7723, -2.4957, 2.5412**.

A 20% lighter version of the original color is **71.6560, -8.6431, 38.3452**, and **31.0356, -4.6467, 19.0427** is the 20% darker color. If you saturate the color by 10%, you get **49.2232, -6.3301, 30.1993**, and if you desaturate by 10%, it is **50.4059, -7.4795, 29.3709**.

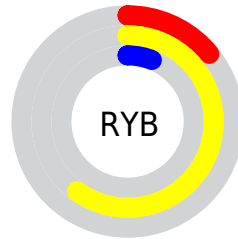
Distribution



Red (60%)

Green (54%)

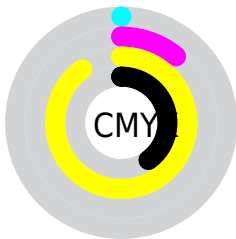
Blue (6%)



Red (14%)

Yellow (60%)

Blue (6%)

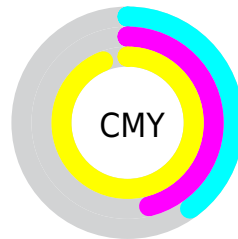


Cyan (0%)

Magenta (11%)

Yellow (90%)

Black (40%)



Cyan (40%)

Magenta (46%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7983, -6.9786, 29.9797 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 49.7983, -6.9786, 29.9797 by changing the saturation by 10% instead.

49.7983, -6.9786,
29.9797

49.7983, -6.9786,
29.9797

166.3851,
-15.4086, 63.2627

39.9099, -6.1339,
25.4418

71.6466, -8.7228,
38.3716

30.7786, -5.3001,
20.8773

83.5236, -9.6208,
42.2872

22.4747, -4.4743,
15.7323

95.9927, -10.5377,
46.0521

15.0907, -3.6470,
10.5635

109.0271,
-11.4736, 49.6881

8.7273, -3.1868,
6.1091

122.6033,
-12.4287, 53.2134

0.0000, NaN, NaN

0.0000, NaN, NaN

136.7004,

-13.4030, 56.6429

0.0000, NaN, NaN

151.2999,
-14.3963, 59.9891

0.0000, NaN, NaN

49.7983, -6.9786,
29.9797

49.7983, -6.9786,
29.9797

49.2232, -6.3301,
30.1993

50.4059, -7.4795,
29.3709

49.2007, -6.3039,
30.2069

51.0526, -7.7695,
28.2228

51.7429, -7.8316,
26.4903

52.4789, -7.6531,
24.1434

53.2623, -7.2254,
21.1640

■ 54.0942, -6.5438,
17.5434

■ 54.9751, -5.6066,
13.2811

■ 55.9054, -4.4149,
8.3827

■ 56.8849, -2.9716,
2.8592

Harmonies

Analogous

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



49.7995, 18.7793, 28.7717



49.7983, -6.9786, 29.9797



49.7995, -27.2523, 27.2857

Triad

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



49.7995, -6.9806, 29.9801



49.7995, -35.8012, -31.1249



49.7995, 48.2740, -20.1033

Complementary

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



49.7983, -6.9786, 29.9797



18.7912, 29.7182, -84.3599

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.



49.7995, 27.8825, -50.0689



49.7983, -6.9786, 29.9797



49.7995, -20.9916, -58.3146

Square

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



49.7995, -6.9806, 29.9801



49.7995, -41.6854, -1.6556



49.7995, 1.8134, -66.5503



49.7995, 54.0228, 6.7143

Rectangle

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



49.7983, -6.9786, 29.9797



49.7995, -36.0124, 22.1823



49.7995, 1.8134, -66.5503



49.7995, 42.7335, -30.4802

Sweetspot

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



49.7995, -6.9806, 29.9801



73.1486, -8.5873, 22.5300



27.1267, 43.3769, 14.0995



34.6274, -4.2516, 11.5220



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.



49.7995, -6.9806, 29.9801



66.1680, -8.2656, 40.6277



51.0449, -28.8709, 30.3785



26.6327, -2.0775, 3.8948



44.4493, -5.7526, 27.2887



5.7199, -1.1450, 3.5045

Inverse Universe

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



18.7912, 29.7182, -84.3599



22.1933, 49.1455, -133.8307



19.7058, 40.7502, -79.1262



24.7848, -0.5738, -1.3132



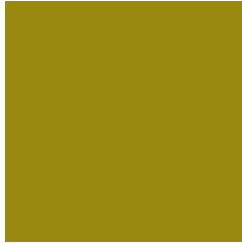
15.1995, 31.6124, -87.2402



2.5001, 1.9140, -7.2567

Previews

White Background



This preview shows how the HunterLab color 49.7983, -6.9786, 29.9797 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 49.7983, -6.9786, 29.9797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

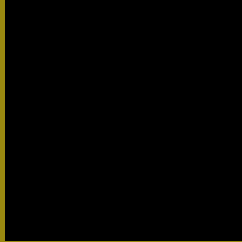
Any Text WCAG AA ✓ Pass

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 49.7983, -6.9786, 29.9797 Background



This preview shows how black text looks on a background with the HunterLab color 49.7983, -6.9786, 29.9797.



This preview shows how white text looks on a background with the HunterLab color 49.7983, -6.9786, 29.9797.

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

49.7983, -6.9786, 29.9797

Protanopia

49.7983, -6.9786, 29.9797

Deuteranopia

49.7974, 3.0074, 29.7724



Tritanopia

49.6651, 10.1439, 2.5276

Trichromacy



Original Color

49.7983, -6.9786, 29.9797

Protanomaly

49.7983, -6.9786, 29.9797

Deuteranomaly

49.8246, -1.1009, 29.8949

Tritanomaly

49.3901, 1.7153, 18.0323

Monochromacy



Original Color

49.7983, -6.9786, 29.9797

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

47.1583, -6.2451, 17.6130

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7983, -6.9786, 29.9797 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(154, 137, 16)` looks like.

```
.text, #text, p{  
    color:rgb(154, 137, 16)  
}
```

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(154, 137, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 137, 16) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7983, -6.9786, 29.9797 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(154, 137, 16) }
```


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

```
.border{ border-color:rgb(154, 137, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 137, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 137, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 137, 16);  
box-shadow:4px 4px 4px 4px rgb(154, 137,  
16) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7983, -6.9786, 29.9797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 137, 16) }
```

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

```
.background{ background-color: rgb(154,  
137, 16) }
```

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