

Converting Colors

HunterLab(47.8851, -7.0156,
13.7292)

Have a look what the booklet for
HunterLab(47.8851, -7.0156,
13.7292) contains.

HunterLab(47.9542, -7.2544, 13.8803)	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(47.9542, -7.2544,
13.8803)**

Conversions

Conversions Part 1

Format	Color
Hex	858666
RGB	133, 134, 102
RGB Percent	52%, 53%, 40%
CMY	0.4784, 0.4745, 0.6000
CMYK	0.01, 0.00, 0.24, 0.47
HSL	62°, 14%, 46%
HSV	62°, 24%, 53%
XYZ	20.5962, 22.9961, 15.9235
YIQ	130.0530, 9.6760, -10.1640

Conversions

Conversions Part 2

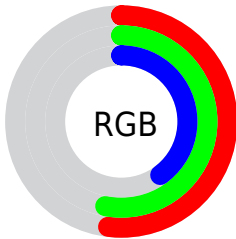
Format	Color
R_{YB}	102, 134, 103
Decimal	8750694
CIE Lab	55.07, -6.01, 17.16
CIE LCh	55, 18.182, 109.298
Yxy	22.9971, 0.3461, 0.3864
Android (android.graphics.Color)	4286940774 (0xFF858666)
YUV	130.0530, -13.8301, 2.5845
Hunter-Lab	47.9542, -7.2544, 13.8803

Details

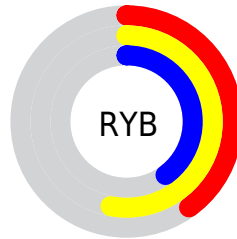
The HunterLab color $47.9542, -7.2544, 13.8803$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $37.5608, 3.8842, -12.3913$, and the grayscale version is $47.3188, -2.5248, 2.5709$.

A 20% lighter version of the original color is $69.4836, -9.1537, 16.9394$, and $29.3459, -5.7031, 10.6805$ is the 20% darker color. If you saturate the color by 10%, you get $47.6636, -8.8156, 17.5682$, and if you desaturate by 10%, it is $48.2898, -5.4677, 9.5968$.

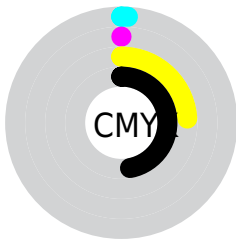
Distribution



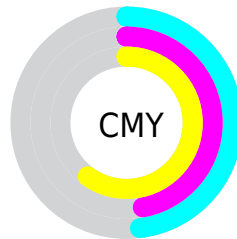
- Red (52%)
- Green (53%)
- Blue (40%)



- Red (40%)
- Yellow (53%)
- Blue (40%)



- Cyan (1%)
- Magenta (0%)
- Yellow (24%)
- Black (47%)



- Cyan (48%)
- Magenta (47%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9542, -7.2544, 13.8803 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 47.9542, -7.2544, 13.8803 by changing the saturation by 10% instead.

■ 47.9542, -7.2544,
13.8803

■ 47.9542, -7.2544,
13.8803

163.6185,
-15.8845, 27.3027

■ 38.1986, -6.3778,
12.2782

■ 69.5619, -9.0525,
16.9599

■ 29.2115, -5.5090,
10.6068

■ 81.3284, -9.9749,
18.4609

■ 21.0664, -4.6426,
8.8318

■ 93.6924, -10.9147,
19.9470

■ 13.8615, -3.7660,
7.0653

■ 106.6263,
-11.8723, 21.4234

■ 7.4914, -3.8953,
5.2440

120.1060,
-12.8479, 22.8944

0.0000, NaN, NaN

134.1102,

0.0000, NaN, NaN

-13.8419, 24.3630

0.0000, NaN, NaN

148.6201,
-14.8541, 25.8318

0.0000, NaN, NaN

■ 47.9542, -7.2544,
13.8803

■ 47.9542, -7.2544,
13.8803

■ 47.6636, -8.8156,
17.5682

■ 48.2898, -5.4677,
9.5968

■ 47.4135, -10.1510,
20.6692

■ 48.6684, -3.4502,
4.7113

■ 47.2032, -11.2680,
23.2008

■ 49.0918, -1.2039,
-0.7747

■ 47.0306, -12.1755,
25.1869

■ 49.5605, 1.2686,
-6.8552

■ 46.8933, -12.8854,
26.6595

■ 50.0750, 3.9629,
-13.5200

■ 46.7883, -13.4133,
27.6595

■ 50.6354, 6.8733,
-20.7548

■ 46.7116, -13.7806,
28.2434

■ 51.2416, 9.9927,
-28.5421

■ 46.6706, -13.9716,
28.5136

■ 51.8934, 13.3129,
-36.8614

■ 52.5903, 16.8251,
-45.6903

Harmonies

Analogous

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



47.9553, 0.1589, 14.2736



47.9542, -7.2544, 13.8803



47.9553, -13.0575, 10.7560

Triad

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



47.9553, -7.2558, 13.8809



47.9553, -11.6481, -9.0569



47.9553, 12.5204, -0.0202

Complementary

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



47.9542, -7.2544, 13.8803



37.5608, 3.8842, -12.3913

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.



47.9553, 8.9233, -7.2747



47.9542, -7.2544, 13.8803



47.9553, -5.2222, -13.0018

Square

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



47.9553, -7.2558, 13.8809



47.9553, -15.4831, -2.1711



47.9553, 2.3209, -12.3035



47.9553, 11.8924, 6.9451

Rectangle

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



47.9542, -7.2544, 13.8803



47.9553, -15.3748, 7.2312



47.9553, 2.3209, -12.3035



47.9553, 11.7570, -2.5217

Sweetspot

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



47.9553, -7.2558, 13.8809



64.4280, -5.4894, 8.4633



39.5425, 7.6964, 5.6522



30.5696, -2.6641, 4.1590



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



47.9553, -7.2558, 13.8809



63.4227, -10.8593, 21.3378



46.7172, -11.7446, 12.6275



23.2719, -2.1777, 3.5267



45.1798, -13.5214, 27.6029



2.6701, -0.7554, 1.6321

Inverse Universe

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



37.5608, 3.8842, -12.3913



46.4366, 7.4967, -21.9926



38.8761, 8.1814, -10.3011



21.3331, -0.1238, -1.3110



12.8037, 34.5247, -89.3833



0.7813, 2.0532, -5.0396

Previews

White Background



This preview shows how the HunterLab color 47.9542, -7.2544, 13.8803 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 47.9542, -7.2544, 13.8803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

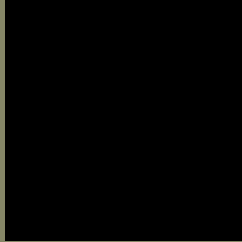
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

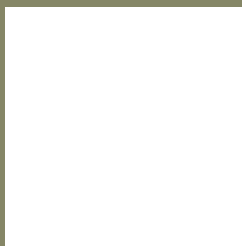
Any Text WCAG AAA × Fail

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

HunterLab 47.9542, -7.2544, 13.8803 Background



This preview shows how black text looks on a background with the HunterLab color 47.9542, -7.2544, 13.8803.



This preview shows how white text looks on a background with the HunterLab color 47.9542, -7.2544,

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

47.9542, -7.2544, 13.8803

Protanopia

48.0675, -3.9626, 14.3632

Deuteranopia

47.7401, 3.5208, 13.2137



Tritanopia

47.9248, 1.7661, -0.6567

Trichromacy



Original Color

47.9542, -7.2544, 13.8803

Protanomaly

48.0811, -5.3716, 14.3512

Deuteranomaly

47.7397, -0.7157, 13.4679

Tritanomaly

47.9304, -1.8144, 5.0859

Monochromacy



Original Color

47.9542, -7.2544, 13.8803

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.3434, -4.1773, 6.8464

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.9542, -7.2544, 13.8803 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(133, 134, 102)` looks like.

```
.text, #text, p{  
    color:rgb(133, 134, 102)  
}
```

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(133, 134, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 134, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 47.9542, -7.2544, 13.8803 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(133, 134, 102) }
```


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

```
.border{ border-color:rgb(133, 134, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 134, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 134, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 134, 102);  
box-shadow:4px 4px 4px 4px rgb(133, 134,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.9542, -7.2544, 13.8803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 134, 102) }
```

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

```
.background{ background-color: rgb(133,  
134, 102) }
```

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