

Converting Colors

HunterLab(51.4153, -5.2044,
11.5469)

Have a look what the booklet for
HunterLab(51.4153, -5.2044,
11.5469) contains.

HunterLab(51.2942, -5.0069, 11.3463)	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(51.2942, -5.0069,
11.3463)**

Conversions

Conversions Part 1

Format	Color
Hex	908D77
RGB	144, 141, 119
RGB Percent	56%, 55%, 47%
CMY	0.4353, 0.4470, 0.5333
CMYK	0.00, 0.02, 0.17, 0.44
HSL	53°, 10%, 52%
HSV	53°, 17%, 56%
XYZ	24.3563, 26.3109, 21.2475
YIQ	139.3890, 8.8500, -6.2060

Conversions

Conversions Part 2

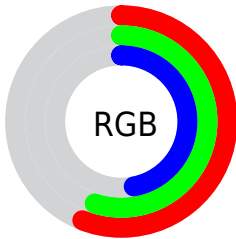
Format	Color
R_{YB}	122, 144, 119
Decimal	9473399
CIE Lab	58.33, -2.81, 12.15
CIE LCh	58, 12.472, 103.014
Yxy	26.3121, 0.3387, 0.3659
Android (android.graphics.Color)	4287663479 (0xFF908D77)
YUV	139.3890, -10.0518, 4.0438
Hunter-Lab	51.2942, -5.0069, 11.3463

Details

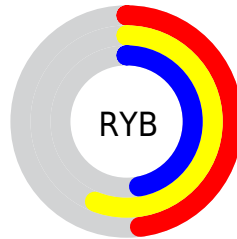
The HunterLab color $51.2942, -5.0069, 11.3463$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $44.5581, 0.5462, -7.6435$, and the grayscale version is $51.0040, -2.7214, 2.7711$.

A 20% lighter version of the original color is $73.4685, -6.7140, 14.0608$, and $32.0379, -3.7351, 8.6442$ is the 20% darker color. If you saturate the color by 10%, you get $50.4844, -5.9512, 15.4344$, and if you desaturate by 10%, it is $52.1515, -3.8316, 6.6752$.

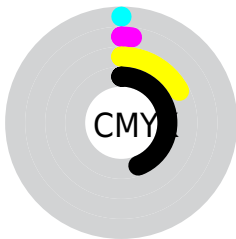
Distribution



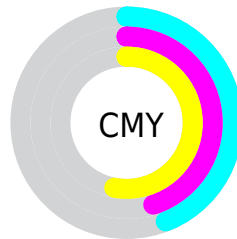
- Red (56%)
- Green (55%)
- Blue (47%)



- Red (48%)
- Yellow (56%)
- Blue (47%)



- Cyan (0%)
- Magenta (2%)
- Yellow (17%)
- Black (44%)



- Cyan (44%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2942, -5.0069, 11.3463 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 51.2942, -5.0069, 11.3463 by changing the saturation by 10% instead.

■ 51.2942, -5.0069,
11.3463

■ 51.2942, -5.0069,
11.3463

168.6152,
-12.3953, 22.5921

■ 41.3005, -4.3135,
10.0864

■ 73.3335, -6.4772,
13.8303

■ 32.0552, -3.6454,
8.7987

■ 85.2983, -7.2503,
15.0660

■ 23.6260, -3.0035,
7.4654

■ 97.8510, -8.0485,
16.3035

■ 16.1014, -2.3860,
6.0539

110.9655, -8.8712,
17.5453

■ 9.6069, -1.7960,
5.7697

124.6186, -9.7177,
18.7937

0.0000, NaN, NaN

138.7898,

0.0000, NaN, NaN

-10.5876, 20.0502

0.0000, NaN, NaN

153.4608,
-11.4803, 21.3160

0.0000, NaN, NaN

■ 51.2942, -5.0069,
11.3463

■ 51.2942, -5.0069,
11.3463

■ 50.4844, -5.9512,
15.4344

■ 52.1515, -3.8316,
6.6752

■ 49.7186, -6.6589,
18.9312

■ 53.0529, -2.4242,
1.4299

■ 48.9974, -7.1327,
21.8371

■ 53.9992, -0.7908,
-4.3744

■ 48.3199, -7.3761,
24.1584

■ 54.9899, 1.0627,
-10.7201

■ 47.6847, -7.3961,
25.9097

■ 56.0244, 3.1291,
-17.5874

■ 47.0900, -7.2035,
27.1156

■ 57.1018, 5.4007,
-24.9547

■ 46.5329, -6.8139,
27.8139

■ 58.2213, 7.8691,
-32.7993

■ 46.0071, -6.2642,
28.0990

■ 59.3819, 10.5256,
-41.0979

■ 45.8700, -6.1122,
28.1579

■ 60.5826, 13.3614,
-49.8271

Harmonies

Analogous

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



51.2953, 0.2633, 11.2046



51.2942, -5.0069, 11.3463



51.2953, -9.4904, 9.3703

Triad

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



51.2953, -5.0083, 11.3470



51.2953, -9.9616, -4.2507



51.2953, 7.3466, -0.1134

Complementary

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



51.2942, -5.0069, 11.3463



44.5581, 0.5462, -7.6435

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.



51.2953, 4.3791, -4.7921



51.2942, -5.0069, 11.3463



51.2953, -5.6753, -7.3415

Square

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



51.2953, -5.0083, 11.3470



51.2953, -12.2712, 0.5670



51.2953, -0.4310, -7.5491



51.2953, 7.5429, 4.9219

Rectangle

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



51.2942, -5.0069, 11.3463



51.2953, -11.4859, 6.9884



51.2953, -0.4310, -7.5491



51.2953, 6.6348, -1.7917

Sweetspot

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



51.2953, -5.0083, 11.3470



69.5257, -4.6932, 7.3581



45.3174, 5.9014, 3.7960



33.2586, -2.3010, 3.7267



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.



51.2953, -5.0083, 11.3470



67.6779, -7.1986, 17.3731



51.3963, -9.1327, 11.3766



24.8528, -1.9417, 3.6158



42.8308, -5.7451, 26.2916



4.4218, -0.9225, 2.7086

Inverse Universe

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



44.5581, 0.5462, -7.6435



56.6866, 1.9058, -13.7120



44.5081, 4.5601, -7.6434



23.1360, -0.5347, -1.2029



14.5948, 30.3770, -83.8174



1.9150, 1.4832, -5.5954

Previews

White Background



This preview shows how the HunterLab color 51.2942, -5.0069, 11.3463 looks on a white background.

Color Contrast Check

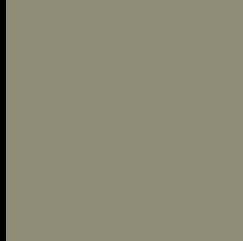
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.2942, -5.0069, 11.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

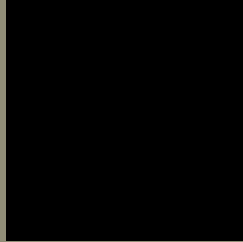
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

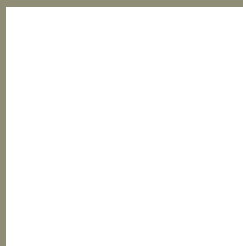
Any Text WCAG AAA × Fail

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

HunterLab 51.2942, -5.0069, 11.3463 Background



This preview shows how black text looks on a background with the HunterLab color 51.2942, -5.0069, 11.3463.



This preview shows how white text looks on a background with the HunterLab color 51.2942, -5.0069, 11.3463.

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

51.2942, -5.0069, 11.3463

Protanopia

51.3421, -3.4154, 11.7841

Deuteranopia

51.2456, 3.5039, 11.0799



Tritanopia

51.3082, 2.4163, -0.7173

Trichromacy



Original Color

51.2942, -5.0069, 11.3463

Protanomaly

51.2516, -3.7317, 11.6879

Deuteranomaly

51.2015, 0.5281, 10.9830

Tritanomaly

51.1724, -0.1264, 4.1087

Monochromacy



Original Color

51.2942, -5.0069, 11.3463

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

51.0733, -3.6555, 6.0654

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2942, -5.0069, 11.3463 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(144, 141, 119)` looks like.

```
.text, #text, p{  
    color:rgb(144, 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(144, 141, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 141, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2942, -5.0069, 11.3463 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(144, 141, 119) }
```


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

```
.border{ border-color:rgb(144, 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(144, 141, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(144, 141, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(144, 141, 119); box-shadow:4px 4px 4px 4px rgb(144, 141, 119) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.2942, -5.0069, 11.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 141, 119) }
```

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

```
.background{ background-color: rgb(144,  
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