

Converting Colors

HunterLab(51.0442, -14.8460,
5.2954)

Have a look what the booklet for
HunterLab(51.0442, -14.8460,
5.2954) contains.

HunterLab(50.9317, -14.7508, 5.2938)	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(50.9317,
-14.7508, 5.2938)**

Conversions

Conversions Part 1

Format	Color
Hex	6F9385
RGB	111, 147, 133
RGB Percent	44%, 58%, 52%
CMY	0.5647, 0.4235, 0.4784
CMYK	0.24, 0.00, 0.10, 0.42
HSL	157°, 14%, 51%
HSV	157°, 24%, 58%
XYZ	21.2229, 25.9404, 26.0787
YIQ	134.6400, -16.9620, -11.9860

Conversions

Conversions Part 2

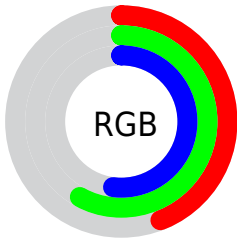
Format	Color
R_{YB}	111, 133, 147
Decimal	7312261
CIE _{Lab}	57.98, -15.55, 3.35
CIE _{LCh}	58, 15.902, 167.844
Yxy	25.9415, 0.2898, 0.3542
Android (android.graphics.Color)	4285502341 (0xFF6F9385)
YUV	134.6400, -0.8085, -20.7323
Hunter-Lab	50.9317, -14.7508, 5.2938

Details

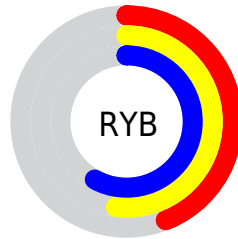
The HunterLab color $50.9317, -14.7508, 5.2938$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $43.6500, 11.2048, 0.7377$, and the grayscale version is $49.0882, -2.6192, 2.6671$.

A 20% lighter version of the original color is $72.8732, -17.6603, 6.7994$, and $31.6701, -11.6309, 3.6090$ is the 20% darker color. If you saturate the color by 10%, you get $49.9112, -18.8965, 6.4573$, and if you desaturate by 10%, it is $52.0934, -10.1804, 4.2436$.

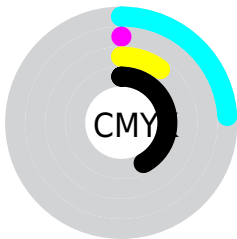
Distribution



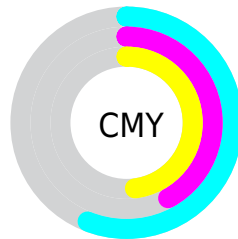
- Red (44%)
- Green (58%)
- Blue (52%)



- Red (44%)
- Yellow (52%)
- Blue (58%)



- Cyan (24%)
- Magenta (0%)
- Yellow (10%)
- Black (42%)



- Cyan (56%)
- Magenta (42%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.9317, -14.7508, 5.2938 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 50.9317, -14.7508, 5.2938 by changing the saturation by 10% instead.

■ 50.9317, -14.7508,
5.2938

■ 50.9317, -14.7508,
5.2938

168.0757,
-27.3807, 12.9585

■ 40.9632, -13.2901,
4.5655

■ 72.9249, -17.5988,
6.8282

■ 31.7453, -11.7852,
3.8613

■ 84.8685, -19.0013,
7.6326

■ 23.3463, -10.2136,
3.1805

■ 97.4012, -20.3971,
8.4615

■ 15.8553, -8.5348,
2.5196

■ 110.4964,
-21.7900, 9.3146

■ 9.4000, -7.7082,
1.9883

124.1309,
-23.1828, 10.1913

0.0000, NaN, NaN

138.2843,

0.0000, NaN, NaN

-24.5778, 11.0911

0.0000, NaN, NaN

152.9381,
-25.9766, 12.0137

0.0000, NaN, NaN

■ 50.9317, -14.7508,
5.2938

■ 50.9317, -14.7508,
5.2938

■ 49.9112, -18.8965,
6.4573

■ 52.0934, -10.1804,
4.2436

■ 49.0294, -22.5801,
7.7208

■ 53.3908, -5.2227,
3.3126

■ 48.2862, -25.7761,
9.0707

■ 54.8215, 0.0782,
2.5062

■ 47.6785, -28.4694,
10.4897

■ 56.3812, 5.6791,
1.8265

■ 47.2006, -30.6589,
11.9580

■ 58.0646, 11.5378,
1.2732

■ 46.8436, -32.3606,
13.4535

■ 59.8662, 17.6148,
0.8437

■ 46.5946, -33.6142,
14.9514

■ 61.7802, 23.8739,
0.5342

■ 46.4797, -34.2088,
15.7514

■ 63.8008, 30.2833,
0.3395

■ 65.9220, 36.8147,
0.2537

Harmonies

Analogous

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



50.9328, -11.9536, 10.3544



50.9317, -14.7508, 5.2938



50.9328, -14.4508, -1.1416

Triad

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



50.9328, -14.7516, 5.2945



50.9328, 1.3017, -10.3773



50.9328, 6.2493, 11.0721

Complementary

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



50.9317, -14.7508, 5.2938



43.6500, 11.2048, 0.7377

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.



50.9328, 10.1782, 6.3985



50.9317, -14.7508, 5.2938



50.9328, 7.2214, -6.1907

Square

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



50.9328, -14.7516, 5.2945



50.9328, -5.4140, -10.7737



50.9328, 10.5430, 0.1144



50.9328, 0.0304, 13.3884

Rectangle

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



50.9317, -14.7508, 5.2938



50.9328, -12.5320, -5.3639



50.9328, 10.5430, 0.1144



50.9328, 7.8953, 9.7546

Sweetspot

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



50.9328, -14.7516, 5.2945



70.9693, -8.7967, 4.7474



51.3872, -14.1337, 14.0649



33.8647, -4.3675, 2.2978



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



50.9328, -14.7516, 5.2945



67.4369, -22.6471, 7.8617



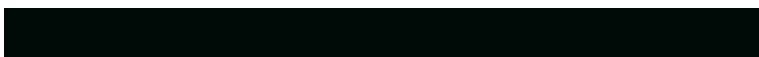
50.2517, -10.8402, -1.7949



25.5429, -3.6826, 1.8089



43.2820, -31.8160, 14.5828



4.8485, -3.1519, 0.7438

Inverse Universe

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



43.6500, 11.2048, 0.7377



55.7709, 19.0291, 0.6170



44.1835, 7.4692, 7.1751



24.1878, 1.1277, 0.9506



23.7485, 41.7739, 6.7880



2.7297, 4.9932, -0.7049

Previews

White Background



This preview shows how the HunterLab color 50.9317, -14.7508, 5.2938 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 50.9317, -14.7508, 5.2938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

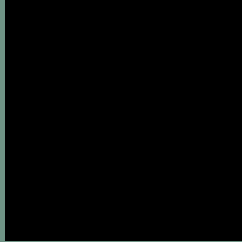
Any Text WCAG AA ✓ Pass

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 50.9317, -14.7508, 5.2938 Background



This preview shows how black text looks on a background with the HunterLab color 50.9317, -14.7508, 5.2938.



This preview shows how white text looks on a background with the HunterLab color 50.9317,

-14.7508, 5.2938.

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

50.9317, -14.7508, 5.2938

Protanopia

50.6604, -2.3789, 7.2742

Deuteranopia

50.5965, 3.5554, 3.9449



Tritanopia

50.9489, -8.7204, -4.8454

Trichromacy



Original Color

50.9317, -14.7508, 5.2938

Protanomaly

50.5638, -7.0456, 6.2701

Deuteranomaly

50.6140, -3.6270, 4.2738

Tritanomaly

50.9262, -10.8481, -0.9466

Monochromacy



Original Color

50.9317, -14.7508, 5.2938

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

49.6206, -7.1925, 3.5008

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.9317, -14.7508, 5.2938 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(111, 147, 133)` looks like.

```
.text, #text, p{  
    color:rgb(111, 147, 133)  
}
```

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(111, 147, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 147, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 50.9317, -14.7508, 5.2938 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(111, 147, 133) }
```


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

```
.border{ border-color:rgb(111, 147, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 147, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 147, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 147, 133);  
box-shadow:4px 4px 4px 4px rgb(111, 147,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.9317, -14.7508, 5.2938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 147, 133) }
```

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

```
.background{ background-color: rgb(111,  
147, 133) }
```

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