

Converting Colors

HunterLab(55.0277, -18.1922,
3.5372)

Have a look what the booklet for
HunterLab(55.0277, -18.1922,
3.5372) contains.

HunterLab(54.9414, -18.0107, 3.3048)	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(54.9414,
-18.0107, 3.3048)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9F94
RGB	109, 159, 148
RGB Percent	43%, 62%, 58%
CMY	0.5725, 0.3765, 0.4196
CMYK	0.31, 0.00, 0.07, 0.38
HSL	167°, 21%, 53%
HSV	167°, 31%, 62%
XYZ	24.0501, 30.1856, 32.5758
YIQ	142.7960, -26.2690, -14.0210

Conversions

Conversions Part 2

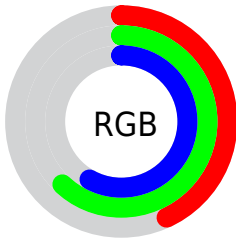
Format	Color
RYB	109, 137, 159
Decimal	7184276
CIELab	61.82, -19.16, 0.40
CIELCh	62, 19.161, 178.809
Yxy	30.1868, 0.2770, 0.3477
Android (android.graphics.Color)	4285374356 (0xFF6D9F94)
YUV	142.7960, 2.5656, -29.6391
Hunter-Lab	54.9414, -18.0107, 3.3048

Details

The HunterLab color **54.9414, -18.0107, 3.3048** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **44.3453, 15.6115, 3.8394**, and the grayscale version is **52.3266, -2.7920, 2.8430**.

A 20% lighter version of the original color is **77.4847, -21.3183, 4.6163**, and **35.0831, -14.4900, 2.2519** is the 20% darker color. If you saturate the color by 10%, you get **53.9989, -21.7885, 3.6998**, and if you desaturate by 10%, it is **56.0362, -13.7498, 3.0847**.

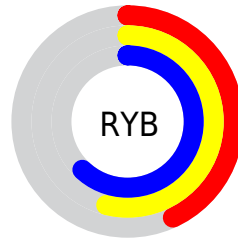
Distribution



Red (43%)

Green (62%)

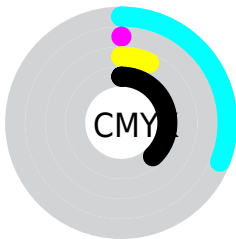
Blue (58%)



Red (43%)

Yellow (54%)

Blue (62%)

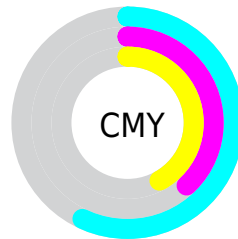


Cyan (31%)

Magenta (0%)

Yellow (7%)

Black (38%)



Cyan (57%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.9414, -18.0107, 3.3048 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 54.9414, -18.0107, 3.3048 by changing the saturation by 10% instead.

■ 54.9414, -18.0107,
3.3048

■ 54.9414, -18.0107,
3.3048

174.0041,
-32.1331, 9.9347

■ 44.6995, -16.3418,
2.7269

■ 77.4322, -21.2415,
4.5681

■ 35.1864, -14.6152,
2.1864

■ 89.6050, -22.8217,
5.2484

■ 26.4643, -12.8058,
1.6869

■ 102.3562,
-24.3876, 5.9594

■ 18.6127, -10.8709,
1.2320

■ 115.6608,
-25.9438, 6.6998

■ 11.7418, -8.7578,
0.8264

129.4965,
-27.4939, 7.4684

■ 4.4826, -7.8446,
0.6122

143.8438,

0.0000, NaN, NaN

-29.0407, 8.2644

0.0000, NaN, NaN

158.6849,
-30.5865, 9.0868

0.0000, NaN, NaN

■ 54.9414, -18.0107,
3.3048

■ 54.9414, -18.0107,
3.3048

■ 53.9989, -21.7885,
3.6998

■ 56.0362, -13.7498,
3.0847

■ 53.2040, -25.0557,
4.2618

■ 57.2793, -9.0375,
3.0389

■ 52.5544, -27.7991,
4.9820

■ 58.6697, -3.9144,
3.1666

■ 52.0440, -30.0194,
5.8463

■ 60.2037, 1.5762,
3.4633

■ 51.6636, -31.7339,
6.8368

■ 61.8768, 7.3905,
3.9221

■ 51.4005, -32.9805,
7.9309

■ 63.6837, 13.4853,
4.5346

■ 51.2377, -33.7938,
8.9085

■ 65.6185, 19.8199,
5.2914

■ 67.6752, 26.3568,
6.1822

■ 69.8475, 33.0625,
7.1968

Harmonies

Analogous

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



54.9425, -15.9435, 10.2932



54.9414, -18.0107, 3.3048



54.9425, -16.2435, -4.8481

Triad

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



54.9425, -18.0114, 3.3056



54.9425, 4.9777, -12.0611



54.9425, 5.5860, 14.4671

Complementary

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



54.9414, -18.0107, 3.3048



44.3453, 15.6115, 3.8394

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.



54.9425, 11.7758, 9.8215



54.9414, -18.0107, 3.3048



54.9425, 11.4101, -5.4760

Square

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



54.9425, -18.0114, 3.3056



54.9425, -3.2661, -14.4755



54.9425, 13.9668, 2.6739



54.9425, -2.6021, 16.1180

Rectangle

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



54.9414, -18.0107, 3.3048



54.9425, -13.0645, -9.7183



54.9425, 13.9668, 2.6739



54.9425, 7.9870, 13.2415

Sweetspot

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



54.9425, -18.0114, 3.3056



77.0586, -10.5804, 4.0854



54.7198, -20.7388, 17.6781



36.4708, -5.4622, 1.9337



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



54.9425, -18.0114, 3.3056



72.5866, -27.8474, 4.7848



51.1963, -10.1233, -6.6183



27.3578, -3.7739, 1.4504



45.5423, -29.9902, 7.8163



6.1365, -3.7272, 0.3759

Inverse Universe

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



44.3453, 15.6115, 3.8394



55.4161, 26.9371, 5.8147



47.4099, 7.6190, 11.2531



25.8241, 1.0489, 1.5053



24.3371, 42.0938, 12.5040



3.3388, 5.9387, 0.4446

Previews

White Background



This preview shows how the HunterLab color 54.9414, -18.0107, 3.3048 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 54.9414, -18.0107, 3.3048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

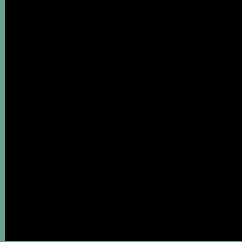
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 54.9414, -18.0107, 3.3048 Background



This preview shows how black text looks on a background with the HunterLab color 54.9414, -18.0107, 3.3048.



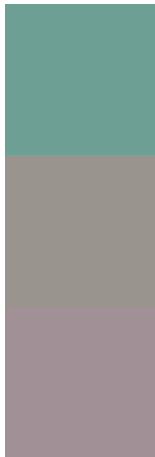
This preview shows how white text looks on a background with the HunterLab color 54.9414,

-18.0107, 3.3048.

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

54.9414, -18.0107, 3.3048

Protanopia

54.6856, -2.3158, 5.9105

Deuteranopia

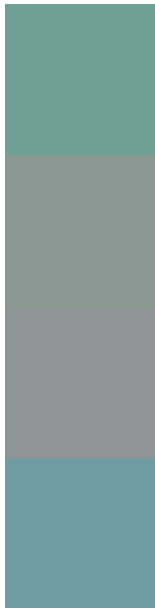
54.6464, 3.8633, 1.9744



Tritanopia

54.9377, -12.0020, -6.3384

Trichromacy



Original Color

54.9414, -18.0107, 3.3048

Protanomaly

54.5788, -8.5869, 4.8177

Deuteranomaly

54.3475, -4.5234, 1.9313

Tritanomaly

54.8925, -14.2071, -2.8436

Monochromacy



Original Color

54.9414, -18.0107, 3.3048

Achromatopsia

52.4097, -2.7964, 2.8475

Achromatomaly

53.2584, -8.6806, 2.8437

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.9414, -18.0107, 3.3048 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(109, 159, 148)` looks like.

```
.text, #text, p{  
    color:rgb(109, 159, 148)  
}
```

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(109, 159, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 159, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 54.9414, -18.0107, 3.3048 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(109, 159, 148) }
```


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

```
.border{ border-color:rgb(109, 159, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 159, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 159, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 159, 148);  
box-shadow:4px 4px 4px 4px rgb(109, 159,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.9414, -18.0107, 3.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 159, 148) }
```

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

```
.background{ background-color: rgb(109,  
159, 148) }
```

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