

# Converting Colors

HunterLab(54.6035, -28.9400,  
15.0170)

Have a look what the booklet for  
HunterLab(54.6035, -28.9400,  
15.0170) contains.

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# Color

**HunterLab(54.6457,  
-28.9384, 14.9058)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57A475
RGB	87, 164, 117
RGB Percent	34%, 64%, 46%
CMY	0.6588, 0.3569, 0.5412
CMYK	0.47, 0.00, 0.29, 0.36
HSL	143°, 31%, 49%
HSV	143°, 47%, 64%
XYZ	20.4169, 29.8615, 21.5174
YIQ	135.6190, -30.8050, -30.9410

# Conversions

## Conversions Part 2

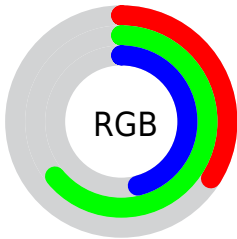
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 142, 164
Decimal	5743733
CIE <sub>Lab</sub>	61.54, -34.75, 17.19
CIE <sub>LCh</sub>	62, 38.771, 153.688
Yxy	29.8628, 0.2844, 0.4159
Android (android.graphics.Color)	4283933813 (0xFF57A475)
YUV	135.6190, -9.1792, -42.6389
Hunter-Lab	54.6457, -28.9384, 14.9058

# Details

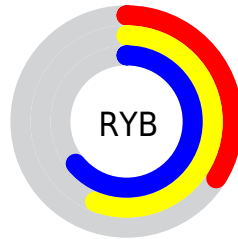
The HunterLab color  $54.6457, -28.9384, 14.9058$  is a dark color, and the websafe version is hex  $339966$ . A complement of this color would be  $40.5349, 30.4442, -7.4811$ , and the grayscale version is  $49.5125, -2.6419, 2.6901$ .

A 20% lighter version of the original color is  $76.9353, -33.7632, 17.8889$ , and  $35.0671, -23.6862, 11.9470$  is the 20% darker color. If you saturate the color by 10%, you get  $53.7940, -32.7566, 17.2458$ , and if you desaturate by 10%, it is  $55.6705, -24.4871, 12.4866$ .

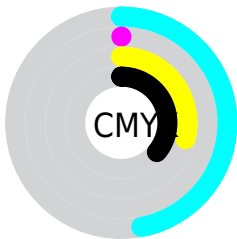
# Distribution



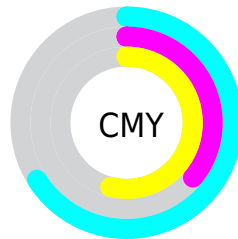
- Red (34%)
- Green (64%)
- Blue (46%)



- Red (34%)
- Yellow (56%)
- Blue (64%)



- Cyan (47%)
- Magenta (0%)
- Yellow (29%)
- Black (36%)



- Cyan (66%)
- Magenta (36%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.6457, -28.9384, 14.9058 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 54.6457, -28.9384, 14.9058 by changing the saturation by 10% instead.



■ 54.6457, -28.9384,  
14.9058

■ 54.6457, -28.9384,  
14.9058

173.5696,  
-49.7740, 28.2816

■ 44.4235, -26.2725,  
13.3344

■ 77.1006, -33.9508,  
17.9506

■ 34.9316, -23.4530,  
11.7087

■ 89.2568, -36.3401,  
19.4425

■ 26.2326, -20.4242,  
10.0035

■ 101.9923,  
-38.6721, 20.9231

■ 18.4068, -17.0944,  
8.1772

■ 115.2817,  
-40.9572, 22.3967

■ 11.5653, -14.5996,  
7.1269

129.1028,  
-43.2038, 23.8670

■ 4.1231, -7.2155,  
2.8862

143.4361,

0.0000, NaN, NaN

-45.4187, 25.3365

0.0000, NaN, NaN

158.2636,  
-47.6073, 26.8075

0.0000, NaN, NaN

■ 54.6457, -28.9384,  
14.9058

■ 54.6457, -28.9384,  
14.9058

■ 53.7940, -32.7566,  
17.2458

■ 55.6705, -24.4871,  
12.4866

■ 53.1080, -35.9186,  
19.4757

■ 56.8663, -19.4374,  
10.0158

■ 52.5813, -38.4243,  
21.5678


■ 58.2331, -13.8384,  
7.5218


■ 52.2026, -40.2967,  
23.4957


■ 59.7676, -7.7458,  
5.0297


■ 51.9509, -41.6077,  
25.2324


■ 61.4650, -1.2187,  
2.5618

 51.8855, -41.9530,  
25.7121

 63.3195, 5.6834,  
0.1364

 65.3241, 12.9037,  
-2.2317

 67.4716, 20.3894,  
-4.5314

 69.7544, 28.0932,  
-6.7549

# Harmonies

## Analogous

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



54.6468, -19.6892, 22.8473



54.6457, -28.9384, 14.9058



54.6468, -31.5351, 0.9633

# Triad

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



54.6468, -28.9392, 14.9063



54.6468, -0.8279, -37.3775



54.6468, 26.6050, 17.4080

# Complementary

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



54.6457, -28.9384, 14.9058



40.5349, 30.4442, -7.4811

# 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.



54.6468, 33.1533, 4.9122



54.6457, -28.9384, 14.9058



54.6468, 16.1550, -29.2251

# Square

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



54.6468, -28.9392, 14.9063



54.6468, -16.4988, -32.3131



54.6468, 29.1173, -12.4555



54.6468, 12.1323, 23.9559



# Rectangle

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



54.6457, -28.9384, 14.9058



54.6468, -29.4394, -10.8497



54.6468, 29.1173, -12.4555



54.6468, 29.8802, 13.9252

# Sweetspot

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



54.6468, -28.9392, 14.9063



78.9884, -16.4996, 9.2297



56.8758, -21.3686, 25.2726



36.7411, -8.4827, 4.6384



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854



# Same Dimension

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



54.6468, -28.9392, 14.9063



72.4636, -44.1795, 23.2660



55.6287, -23.1484, 0.8124



28.1755, -4.3617, 2.6585



45.4419, -36.6746, 22.3716



6.6559, -4.8900, 2.2368



# Inverse Universe

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



40.5349, 30.4442, -7.4811



50.1828, 50.3089, -11.6583



39.4382, 25.2585, 8.1125



26.7492, 1.5478, 0.3579



26.0157, 47.3071, -4.5407



3.8869, 7.2718, -2.2589



# Previews

## White Background



This preview shows how the HunterLab color 54.6457, -28.9384, 14.9058 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 54.6457, -28.9384, 14.9058 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

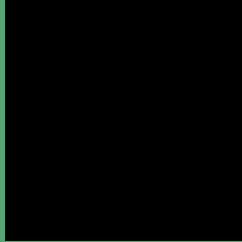
Any Text WCAG AA ✓ Pass

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 54.6457, -28.9384, 14.9058 Background



This preview shows how black text looks on a background with the HunterLab color 54.6457, -28.9384, 14.9058.



This preview shows how white text looks on a background with the HunterLab color 54.6457,

-28.9384, 14.9058.

# 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

54.6457, -28.9384, 14.9058

### Protanopia

54.3826, -4.8902, 17.3417

### Deuteranopia

54.2301, 3.7787, 13.3522



## Tritanopia

54.5211, -14.9767, -8.0232

# Trichromacy



## Original Color

54.6457, -28.9384, 14.9058

## Protanomaly

54.0453, -15.1410, 15.8986

## Deuteranomaly

53.6136, -10.2174, 13.2070

## Tritanomaly

54.5975, -20.7552, 1.4848

# Monochromacy



## Original Color

54.6457, -28.9384, 14.9058

## Achromatopsia

49.6187, -2.6475, 2.6959

## Achromatomaly

50.9846, -13.2062, 7.0331

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 54.6457, -28.9384, 14.9058 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(87, 164, 117)` looks like.

```
.text, #text, p{  
    color:rgb(87, 164, 117)  
}
```

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(87, 164, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 164, 117) }
```

## Border

The CSS property to change the border of an element to HunterLab 54.6457, -28.9384, 14.9058 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(87, 164, 117) }
```



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

```
.border{ border-color:rgb(87, 164, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 164, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(87, 164, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(87, 164, 117); box-shadow:4px 4px 4px 4px rgb(87, 164, 117) }
```

# Background

The CSS property to change the background color of an element to HunterLab 54.6457, -28.9384, 14.9058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 164, 117) }
```

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

```
.background{ background-color: rgb(87, 164,  
117) }
```

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](#).

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