

Converting Colors

HunterLab(61.8306, -0.1975,
17.7416)

Have a look what the booklet for
HunterLab(61.8306, -0.1975,
17.7416) contains.

HunterLab(61.8427, -0.3439, 17.8538)	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(61.8427, -0.3439,
17.8538)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA382
RGB	186, 163, 130
RGB Percent	73%, 64%, 51%
CMY	0.2706, 0.3608, 0.4902
CMYK	0.00, 0.12, 0.30, 0.27
HSL	35°, 29%, 62%
HSV	35°, 30%, 73%
XYZ	37.3761, 38.2452, 26.5312
YIQ	166.1150, 24.3010, -5.3870

Conversions

Conversions Part 2

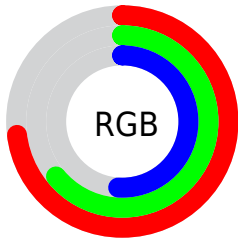
Format	Color
R _Y B	169, 186, 130
Decimal	12231554
CIE Lab	68.20, 3.38, 20.26
CIE LCh	68, 20.536, 80.532
Yxy	38.2469, 0.3659, 0.3744
Android (android.graphics.Color)	4290421634 (0xFFBAA382)
YUV	166.1150, -17.8047, 17.4391
Hunter-Lab	61.8427, -0.3439, 17.8538

Details

The HunterLab color **61.8427, -0.3439, 17.8538** is a light color, and the websafe version is hex **999966**. A complement of this color would be **55.7427, -3.2133, -15.1185**, and the grayscale version is **61.8640, -3.3009, 3.3612**.

A 20% lighter version of the original color is **85.2153, -1.2814, 21.3166**, and **41.0531, 0.5435, 14.3454** is the 20% darker color. If you saturate the color by 10%, you get **59.2964, 1.3618, 21.4086**, and if you desaturate by 10%, it is **64.4883, -1.7539, 13.7180**.

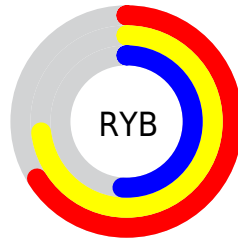
Distribution



Red (73%)

Green (64%)

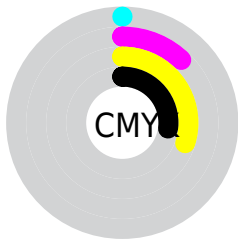
Blue (51%)



Red (66%)

Yellow (73%)

Blue (51%)

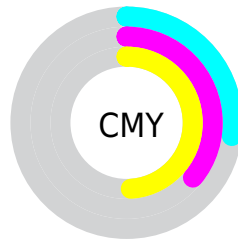


Cyan (0%)

Magenta (12%)

Yellow (30%)

Black (27%)



Cyan (27%)

Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.8427, -0.3439, 17.8538 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 61.8427, -0.3439, 17.8538 by changing the saturation by 10% instead.

■ 61.8427, -0.3439,
17.8538

■ 61.8427, -0.3439,
17.8538

184.0321, -5.5963,
32.4698

■ 51.1609, 0.0469,
16.1199

■ 85.1390, -1.2636,
21.2077

■ 41.1754, 0.3904,
14.3264

■ 97.6843, -1.7819,
22.8459

■ 31.9403, 0.6788,
12.4503

■ 110.7917, -2.3367,
24.4678

■ 23.5223, 0.9043,
10.4554

124.4379, -2.9260,
26.0781

■ 16.0101, 1.0553,
8.3261

138.6025, -3.5479,
27.6807

■ 9.5301, 1.1131,
6.6710

153.2671, -4.2012,

0.0000, NaN, NaN

29.2786

0.0000, NaN, NaN

168.4153, -4.8843,
30.8743

0.0000, NaN, NaN

■ 61.8427, -0.3439,
17.8538

■ 61.8427, -0.3439,
17.8538

■ 59.2964, 1.3618,
21.4086

■ 64.4883, -1.7539,
13.7180

■ 56.8514, 3.3819,
24.3386

■ 67.2229, -2.8768,
9.0410

■ 54.5152, 5.7223,
26.6074

■ 70.0424, -3.7312,
3.8650

■ 52.2938, 8.3848,
28.1858

■ 72.9414, -4.3339,
-1.7704

■ 50.1928, 11.3613,
29.0598

■ 75.9150, -4.7019,
-7.8282

■ 48.2162, 14.6305,
29.2417

■ 78.9586, -4.8513,
-14.2745

■ 46.3782, 18.0787,
28.8945

■ 81.8609, -5.9353,
-18.1838

■ 84.2784, -9.8516,
-14.7972

■ 86.7349, -13.7258,
-11.4663

Harmonies

Analogous

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



61.8441, 8.4300, 15.0692



61.8427, -0.3439, 17.8538



61.8441, -9.4265, 17.2235

Triad

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



61.8441, -0.3460, 17.8546



61.8441, -19.1138, -2.8754



61.8441, 11.0552, -8.4004

Complementary

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



61.8427, -0.3439, 17.8538



55.7427, -3.2133, -15.1185

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.



61.8441, 3.0681, -14.6943



61.8427, -0.3439, 17.8538



61.8441, -14.2219, -11.1929

Square

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



61.8441, -0.3460, 17.8546



61.8441, -19.9085, 6.0890



61.8441, -6.2058, -15.7853



61.8441, 15.2631, 0.5139

Rectangle

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



61.8427, -0.3439, 17.8538



61.8441, -14.4571, 14.9085



61.8441, -6.2058, -15.7853



61.8441, 8.7019, -10.9446

Sweetspot

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



61.8441, -0.3460, 17.8546



90.8618, -3.9986, 11.5327



53.5871, 19.5108, -0.1430



42.3818, -1.7858, 5.8694



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



61.8441, -0.3460, 17.8546



81.0205, 0.9790, 27.2357



68.2596, -12.9639, 23.4899



31.4136, -1.3754, 4.0319



38.2377, 14.4149, 23.8142



7.9631, 1.1622, 4.9272

Inverse Universe

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



55.7427, -3.2133, -15.1185



71.1305, -3.5509, -26.4170



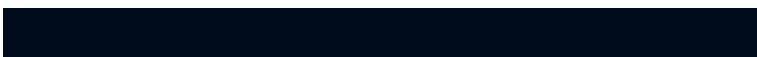
49.6329, 9.4690, -24.7438



30.5106, -1.8169, -0.8183



24.5719, 13.5818, -60.0321



5.7922, 0.2154, -7.7047

Previews

White Background



This preview shows how the HunterLab color 61.8427, -0.3439, 17.8538 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 61.8427, -0.3439, 17.8538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

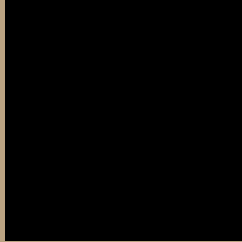
Any Text WCAG AA ✓ Pass

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 61.8427, -0.3439, 17.8538 Background



This preview shows how black text looks on a background with the HunterLab color 61.8427, -0.3439, 17.8538.



This preview shows how white text looks on a background with the HunterLab color 61.8427, -0.3439,

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

61.8427, -0.3439, 17.8538

Protanopia

61.8532, -4.7434, 17.4478

Deuteranopia

61.8463, 4.0869, 17.5957



Tritanopia

61.9938, 9.4719, 1.9946

Trichromacy



Original Color

61.8427, -0.3439, 17.8538

Protanomaly

61.8484, -3.2554, 17.4692

Deuteranomaly

61.8100, 2.5176, 17.5339

Tritanomaly

61.9088, 5.4724, 8.5451

Monochromacy



Original Color

61.8427, -0.3439, 17.8538

Achromatopsia

61.7516, -3.2949, 3.3551

Achromatomaly

61.7207, -2.6288, 9.0358

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.8427, -0.3439, 17.8538 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(186, 163, 130)` looks like.

```
.text, #text, p{  
    color:rgb(186, 163, 130)  
}
```

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(186, 163, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 163, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 61.8427, -0.3439, 17.8538 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(186, 163, 130) }
```


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

```
.border{ border-color:rgb(186, 163, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 163, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 163, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 163, 130);  
box-shadow:4px 4px 4px 4px rgb(186, 163,  
130) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.8427, -0.3439, 17.8538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 163, 130) }
```

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

```
.background{ background-color: rgb(186,  
163, 130) }
```

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