

Converting Colors

HunterLab(61.9225, 1.5880,
23.7301)

Have a look what the booklet for
HunterLab(61.9225, 1.5880,
23.7301) contains.

HunterLab(61.8381, 1.8187, 23.7170)	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(61.8381, 1.8187,
23.7170)**

Conversions

Conversions Part 1

Format	Color
Hex	C3A16F
RGB	195, 161, 111
RGB Percent	76%, 63%, 44%
CMY	0.2353, 0.3686, 0.5647
CMYK	0.00, 0.17, 0.43, 0.24
HSL	36°, 41%, 60%
HSV	36°, 43%, 76%
XYZ	38.1198, 38.2395, 20.4107
YIQ	165.4660, 36.3140, -8.3420

Conversions

Conversions Part 2

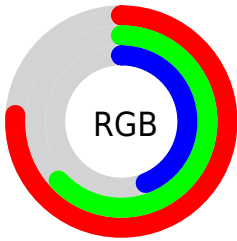
Format	Color
RYB	168, 195, 111
Decimal	12820847
CIELab	68.20, 5.81, 30.71
CIELCh	68, 31.250, 79.287
Yxy	38.2413, 0.3939, 0.3952
Android (android.graphics.Color)	4291010927 (0xFFC3A16F)
YUV	165.4660, -26.8517, 25.9013
Hunter-Lab	61.8381, 1.8187, 23.7170

Details

The HunterLab color $61.8381, 1.8187, 23.7170$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $52.5066, -1.6928, -25.9751$, and the grayscale version is $61.6294, -3.2884, 3.3484$.

A 20% lighter version of the original color is $85.2284, 0.9640, 28.4293$, and $41.3220, 2.2477, 18.9627$ is the 20% darker color. If you saturate the color by 10%, you get $59.3175, 4.0015, 26.6145$, and if you desaturate by 10%, it is $64.4708, -0.0344, 20.1413$.

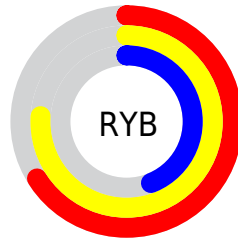
Distribution



Red (76%)

Green (63%)

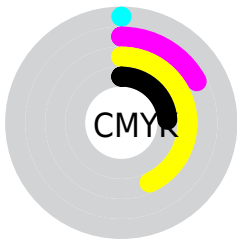
Blue (44%)



Red (66%)

Yellow (76%)

Blue (44%)

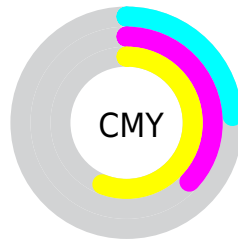


Cyan (0%)

Magenta (17%)

Yellow (43%)

Black (24%)



Cyan (24%)

Magenta (37%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.8381, 1.8187, 23.7170 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 61.8381, 1.8187, 23.7170 by changing the saturation by 10% instead.

■ 61.8381, 1.8187,
23.7170

■ 61.8381, 1.8187,
23.7170

184.0255, -2.5261,
42.8556

■ 51.1567, 2.0836,
21.3136

■ 85.1339, 1.1304,
28.2724

■ 41.1715, 2.2933,
18.7920

■ 97.6790, 0.7198,
30.4570

■ 31.9366, 2.4377,
16.1156

■ 110.7861, 0.2684,
32.5959

■ 23.5190, 2.5065,
13.2317

■ 124.4321, -0.2214,
34.6977

■ 16.0072, 2.4841,
11.0314

138.5965, -0.7475,
36.7695

■ 9.5276, 2.3452,
6.6693

153.2609, -1.3080,

0.0000, NaN, NaN

38.8168

0.0000, NaN, NaN

168.4089, -1.9014,
40.8442

0.0000, NaN, NaN

■ 61.8381, 1.8187,
23.7170

■ 61.8381, 1.8187,
23.7170

■ 59.3175, 4.0015,
26.6145

■ 64.4708, -0.0344,
20.1413

■ 56.9109, 6.5277,
28.7951

■ 67.2049, -1.5623,
15.9275

■ 54.6258, 9.3939,
30.2338

■ 70.0356, -2.7824,
11.1207

■ 52.4671, 12.5879,
30.9243

■ 72.9571, -3.7116,
5.7649

■ 50.4384, 16.0812,
30.8936

■ 75.9636, -4.3676,
-0.0971

■ 49.1037, 18.6175,
30.5834

■ 79.0500, -4.7682,
-6.4254

■ 82.2115, -4.9308,
-13.1825

■ 84.9755, -7.4440,
-13.7795

■ 87.4945, -11.4876,
-10.3976

Harmonies

Analogous

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



61.8396, 15.3865, 19.8927



61.8381, 1.8187, 23.7170



61.8396, -12.0024, 23.0910

Triad

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



61.8396, 1.8163, 23.7177



61.8396, -26.8611, -5.7691



61.8396, 18.6098, -15.9222

Complementary

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



61.8381, 1.8187, 23.7170



52.5066, -1.6928, -25.9751

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.



61.8396, 5.9057, -26.2476



61.8381, 1.8187, 23.7170



61.8396, -20.0065, -19.5377

Square

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



61.8396, 1.8163, 23.7177



61.8396, -27.7430, 7.9695



61.8396, -8.2608, -27.7017



61.8396, 25.6432, -1.6209

Rectangle

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



61.8381, 1.8187, 23.7170



61.8396, -19.5452, 20.1805



61.8396, -8.2608, -27.7017



61.8396, 14.8107, -20.0977

Sweetspot

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



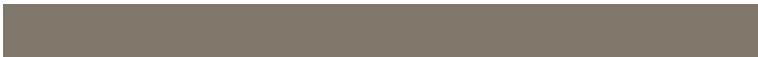
61.8396, 1.8163, 23.7177



93.6797, -3.7056, 14.9680



50.0466, 31.4691, -0.8277



43.4350, -1.5780, 7.7117

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.8396, 1.8163, 23.7177



79.4731, 5.2702, 35.5257



71.3227, -16.8892, 31.1509



33.2451, -1.4775, 4.2985



39.7992, 14.5665, 24.7791



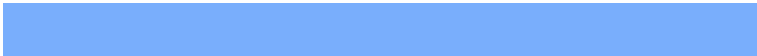
9.0376, 1.5154, 5.5955

Inverse Universe

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



52.5066, -1.6928, -25.9751



64.4392, 0.1020, -45.3718



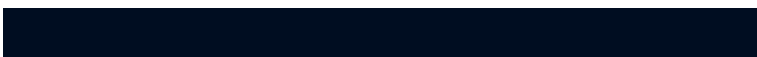
43.7732, 17.2127, -42.6572



32.2525, -1.8973, -0.9043



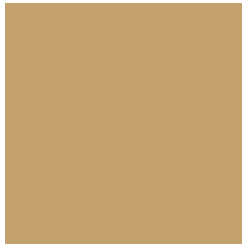
25.1860, 14.7022, -63.2182



6.3972, 0.6891, -9.4836

Previews

White Background



This preview shows how the HunterLab color 61.8381, 1.8187, 23.7170 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 61.8381, 1.8187, 23.7170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

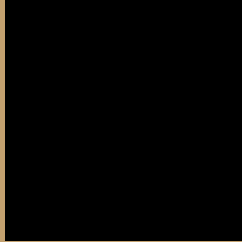
Any Text WCAG AA ✓ Pass

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 61.8381, 1.8187, 23.7170 Background



This preview shows how black text looks on a background with the HunterLab color 61.8381, 1.8187, 23.7170.



This preview shows how white text looks on a background with the HunterLab color 61.8381, 1.8187,

23.7170.

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

61.8381, 1.8187, 23.7170

Protanopia

61.7802, -5.7218, 22.9755

Deuteranopia

61.7139, 4.2844, 23.6546



Tritanopia

61.7606, 14.0525, 3.6694

Trichromacy



Original Color

61.8381, 1.8187, 23.7170

Protanomaly

61.6726, -3.1305, 23.2105

Deuteranomaly

61.8830, 3.4168, 23.7831

Tritanomaly

61.8021, 8.9185, 12.1496

Monochromacy



Original Color

61.8381, 1.8187, 23.7170

Achromatopsia

61.3402, -3.2730, 3.3327

Achromatomaly

61.5023, -2.3012, 12.0327

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.8381, 1.8187, 23.7170 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(195, 161, 111)` looks like.

```
.text, #text, p{  
    color:rgb(195, 161, 111)  
}
```

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(195, 161, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 161, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 61.8381, 1.8187, 23.7170 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(195, 161, 111) }
```


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

```
.border{ border-color:rgb(195, 161, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 161, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 161, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 161, 111);  
box-shadow:4px 4px 4px 4px rgb(195, 161,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.8381, 1.8187, 23.7170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 161, 111) }
```

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

```
.background{ background-color: rgb(195,  
161, 111) }
```

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