

Converting Colors

HunterLab(59.8938, -13.5690,
23.0440)

Have a look what the booklet for
HunterLab(59.8938, -13.5690,
23.0440) contains.

HunterLab(60.0408, -13.7465, 23.2910)	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(60.0408,
-13.7465, 23.2910)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA76A
RGB	159, 167, 106
RGB Percent	62%, 65%, 42%
CMY	0.3765, 0.3451, 0.5843
CMYK	0.05, 0.00, 0.37, 0.35
HSL	68°, 26%, 54%
HSV	68°, 37%, 65%
XYZ	30.7183, 36.0490, 18.9748
YIQ	157.6540, 14.8130, -20.6670

Conversions

Conversions Part 2

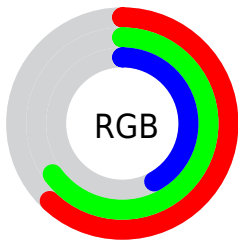
Format	Color
RYB	106, 167, 114
Decimal	10463082
CIELab	66.56, -12.72, 30.63
CIELCh	67, 33.166, 112.560
Yxy	36.0506, 0.3583, 0.4204
Android (android.graphics.Color)	4288653162 (0xFF9FA76A)
YUV	157.6540, -25.4654, 1.1804
Hunter-Lab	60.0408, -13.7465, 23.2910

Details

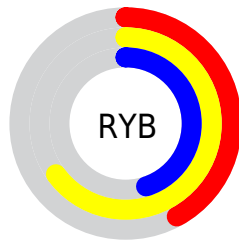
The HunterLab color $60.0408, -13.7465, 23.2910$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $40.8368, 11.8912, -27.7108$, and the grayscale version is $58.4297, -3.1177, 3.1746$.

A 20% lighter version of the original color is $83.0706, -16.3948, 27.8132$, and $39.5235, -11.2982, 18.3496$ is the 20% darker color. If you saturate the color by 10%, you get $59.5938, -15.9204, 26.9735$, and if you desaturate by 10%, it is $60.5463, -11.2832, 18.8563$.

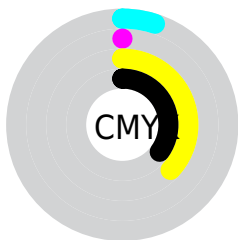
Distribution



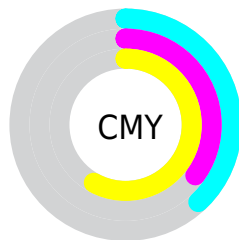
- Red (62%)
- Green (65%)
- Blue (42%)



- Red (42%)
- Yellow (65%)
- Blue (45%)



- Cyan (5%)
- Magenta (0%)
- Yellow (37%)
- Black (35%)



- Cyan (38%)
- Magenta (35%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.0408, -13.7465, 23.2910 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 60.0408, -13.7465, 23.2910 by changing the saturation by 10% instead.

60.0408, -13.7465,
23.2910

60.0408, -13.7465,
23.2910

181.4336,
-25.2199, 42.4534

49.4705, -12.4754,
20.8754

83.1325, -16.2723,
27.8611

39.6044, -11.1857,
18.3368

95.5830, -17.5327,
30.0500

30.4985, -9.8672,
15.6366

108.5997,
-18.7963, 32.1918

22.2225, -8.5010,
12.7190

122.1588,
-20.0650, 34.2954

14.8700, -7.0531,
10.4090

136.2395,
-21.3407, 36.3681

8.5210, -6.9621,
5.9647

150.8231,

0.0000, NaN, NaN

-22.6244, 38.4157

0.0000, NaN, NaN

165.8929,
-23.9172, 40.4428

0.0000, NaN, NaN

■ 60.0408, -13.7465,
23.2910

■ 60.0408, -13.7465,
23.2910

■ 59.5938, -15.9204,
26.9735

■ 60.5463, -11.2832,
18.8563

■ 59.1993, -17.8056,
29.9228

■ 61.1080, -8.5229,
13.6558

■ 58.8559, -19.4139,
32.1707

■ 61.7283, -5.4681,
7.6868

■ 58.5604, -20.7601,
33.7601

■ 62.4080, -2.1226,
0.9530

■ 58.3085, -21.8650,
34.7489

■ 63.1477, 1.5079,
-6.5352

■ 58.0940, -22.7629,
35.2288

■ 63.9473, 5.4150,
-14.7618

■ 58.0233, -23.0549,
35.3501

■ 64.8068, 9.5891,
-23.7062

■ 65.7259, 14.0189,
-33.3434

■ 66.6405, 18.3664,
-42.7873

Harmonies

Analogous

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



60.0421, 0.5257, 24.4054



60.0408, -13.7465, 23.2910



60.0421, -24.1894, 17.5167

Triad

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



60.0421, -13.7482, 23.2916



60.0421, -19.5595, -22.4699



60.0421, 27.7261, -0.3469

Complementary

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



60.0408, -13.7465, 23.2910



40.8368, 11.8912, -27.7108

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.



60.0421, 21.1226, -15.6464



60.0408, -13.7465, 23.2910



60.0421, -6.8505, -30.2833

Square

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



60.0421, -13.7482, 23.2916



60.0421, -27.3107, -8.0836



60.0421, 8.1159, -27.5228



60.0421, 25.4246, 12.7616

Rectangle

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



60.0408, -13.7465, 23.2910



60.0421, -28.0354, 10.8346



60.0421, 8.1159, -27.5228



60.0421, 26.4539, -5.4322

Sweetspot

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



60.0421, -13.7482, 23.2916



82.2085, -9.2762, 14.1463



45.9276, 14.6813, 10.9538



38.8385, -4.6377, 7.1792



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



60.0421, -13.7482, 23.2916



79.8483, -20.8296, 35.3148



57.7729, -22.2132, 21.2162



29.5350, -3.0431, 4.5170



50.7701, -20.1101, 30.9322



8.0031, -2.8181, 4.8821

Inverse Universe

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



40.8368, 11.8912, -27.7108



48.8095, 21.3339, -49.0847



43.5819, 20.2480, -22.5296



27.1035, 0.1185, -1.7124



15.0915, 39.9909, -99.9082



2.6309, 6.4798, -13.6045

Previews

White Background



This preview shows how the HunterLab color 60.0408, -13.7465, 23.2910 looks on a white background.

Color Contrast Check

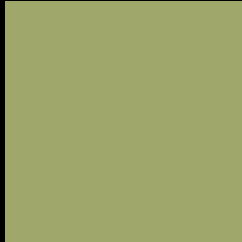
Large Text (above 18pt) WCAG AA × Fail

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 60.0408, -13.7465, 23.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

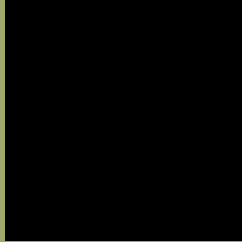
Any Text WCAG AA ✓ Pass

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 60.0408, -13.7465, 23.2910 Background



This preview shows how black text looks on a background with the HunterLab color 60.0408, -13.7465, 23.2910.



This preview shows how white text looks on a background with the HunterLab color 60.0408,

-13.7465, 23.2910.

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

60.0408, -13.7465, 23.2910

Protanopia

60.0585, -6.0615, 23.9725

Deuteranopia

60.0135, 4.2231, 22.7604



Tritanopia

59.9919, 1.4765, -1.5805

Trichromacy



Original Color

60.0408, -13.7465, 23.2910

Protanomaly

60.0973, -8.9280, 23.6903

Deuteranomaly

59.7518, -2.5145, 22.6970

Tritanomaly

59.8926, -4.7461, 9.0874

Monochromacy



Original Color

60.0408, -13.7465, 23.2910

Achromatopsia

58.4734, -3.1200, 3.1770

Achromatomaly

58.8412, -7.3972, 11.5158

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.0408, -13.7465, 23.2910 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(159, 167, 106)` looks like.

```
.text, #text, p{  
    color:rgb(159, 167, 106)  
}
```

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(159, 167, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 167, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 60.0408, -13.7465, 23.2910 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(159, 167, 106) }
```


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

```
.border{ border-color:rgb(159, 167, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 167, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 167, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 167, 106);  
box-shadow:4px 4px 4px 4px rgb(159, 167,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.0408, -13.7465, 23.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 167, 106) }
```

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

```
.background{ background-color: rgb(159,  
167, 106) }
```

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