

Converting Colors

HunterLab(41.0784, -11.4221,
9.1815)

Have a look what the booklet for
HunterLab(41.0784, -11.4221,
9.1815) contains.

HunterLab(41.1462, -11.3868, 9.2086)	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(41.1462,
-11.3868, 9.2086)**

Conversions

Conversions Part 1

Format	Color
Hex	637860
RGB	99, 120, 96
RGB Percent	39%, 47%, 38%
CMY	0.6118, 0.5294, 0.6235
CMYK	0.18, 0.00, 0.20, 0.53
HSL	113°, 11%, 42%
HSV	113°, 20%, 47%
XYZ	13.9734, 16.9301, 13.5977
YIQ	110.9850, -4.8120, -11.9160

Conversions

Conversions Part 2

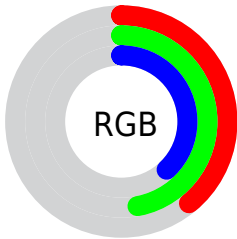
Format	Color
R_{YB}	96, 120, 117
Decimal	6518880
CIE _{Lab}	48.17, -12.71, 10.67
CIE _{LCh}	48, 16.599, 139.986
Yxy	16.9308, 0.3140, 0.3804
Android (android.graphics.Color)	4284708960 (0xFF637860)
YUV	110.9850, -7.3876, -10.5108
Hunter-Lab	41.1462, -11.3868, 9.2086

Details

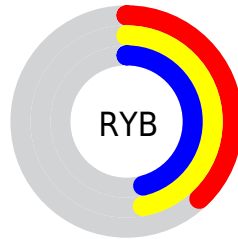
The HunterLab color $41.1462, -11.3868, 9.2086$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $36.7481, 8.1140, -5.8846$, and the grayscale version is $39.8936, -2.1286, 2.1675$.

A 20% lighter version of the original color is $61.7217, -13.7429, 11.2758$, and $23.3813, -8.5085, 6.6064$ is the 20% darker color. If you saturate the color by 10%, you get $40.2155, -15.3874, 12.1452$, and if you desaturate by 10%, it is $42.1894, -7.0160, 5.9356$.

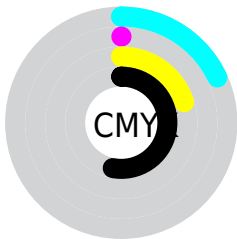
Distribution



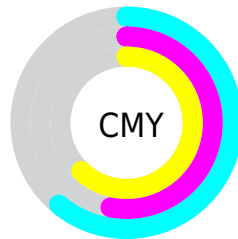
- Red (39%)
- Green (47%)
- Blue (38%)



- Red (38%)
- Yellow (47%)
- Blue (46%)



- Cyan (18%)
- Magenta (0%)
- Yellow (20%)
- Black (53%)



- Cyan (61%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.1462, -11.3868, 9.2086 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 41.1462, -11.3868, 9.2086 by changing the saturation by 10% instead.

■ 41.1462, -11.3868,
9.2086

■ 41.1462, -11.3868,
9.2086

153.2232,
-22.8198, 19.7831

■ 31.9142, -10.0757,
8.0236

■ 61.8116, -13.9436,
11.5368

■ 23.4987, -8.7197,
6.8047

■ 73.1477, -15.2059,
12.6950

■ 15.9894, -7.2893,
5.5251

■ 85.1029, -16.4654,
13.8559

■ 9.5127, -6.3340,
5.1694

■ 97.6465, -17.7256,
15.0226

0.0000, NaN, NaN

0.0000, NaN, NaN

110.7522,
-18.9894, 16.1972

0.0000, NaN, NaN

124.3969,

0.0000, NaN, NaN

-20.2587, 17.3815

0.0000, NaN, NaN

138.5600,
-21.5351, 18.5765

■ 41.1462, -11.3868,
9.2086

■ 41.1462, -11.3868,
9.2086

■ 40.2155, -15.3874,
12.1452

■ 42.1894, -7.0160,
5.9356

■ 39.3969, -18.9773,
14.7172

■ 43.3393, -2.3129,
2.3550

■ 38.6922, -22.1247,
16.9038

■ 44.5929, 2.6805,
-1.5006

■ 38.1009, -24.8050,
18.6919

■ 45.9459, 7.9242,
-5.5995

■ 37.6210, -27.0041,
20.0788

■ 47.3937, 13.3810,
-9.9108

■ 37.2486, -28.7212,
21.0741

■ 48.9313, 19.0165,
-14.4058

■ 36.9773, -29.9711,
21.7028

■ 50.5539, 24.8005,
-19.0585

■ 36.7901, -30.8383,
22.1300

■ 52.2566, 30.7062,
-23.8456

■ 54.0348, 36.7109,
-28.7465

Harmonies

Analogous

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



41.1471, -6.4058, 11.9655



41.1462, -11.3868, 9.2086



41.1471, -13.8571, 4.2649

Triad

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



41.1471, -11.3877, 9.2091



41.1471, -4.3603, -11.3586



41.1471, 10.2919, 6.1201

Complementary

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



41.1462, -11.3868, 9.2086



36.7481, 8.1140, -5.8846

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.



41.1471, 10.9245, 0.1062



41.1462, -11.3868, 9.2086



41.1471, 2.1866, -10.6542

Square

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



41.1471, -11.3877, 9.2091



41.1471, -9.9707, -8.0092



41.1471, 7.8771, -6.2126



41.1471, 6.1989, 10.3845

Rectangle

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



41.1462, -11.3868, 9.2086



41.1471, -13.8580, 0.1121



41.1471, 7.8771, -6.2126



41.1471, 10.9257, 4.2595

Sweetspot

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



41.1471, -11.3877, 9.2091



56.5215, -6.9498, 6.0876



41.8502, -4.1595, 10.0368



27.4795, -3.5316, 3.0762



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



41.1471, -11.3877, 9.2091



53.9831, -17.5996, 14.0568



41.1537, -10.9468, 5.9897



21.1466, -3.2998, 2.8104



38.4205, -32.2313, 23.1103



83.7876, -70.9281, 50.3878

Inverse Universe

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



36.7481, 8.1140, -5.8846



46.8633, 14.0053, -10.4183



36.7578, 7.5903, -1.5690



20.1329, 1.1856, -0.6583



21.7990, 44.1177, -38.5203



47.3433, 95.9820, -84.9509

Previews

White Background



This preview shows how the HunterLab color 41.1462, -11.3868, 9.2086 looks on a white 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

Black Background



This preview shows how the HunterLab color 41.1462, -11.3868, 9.2086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

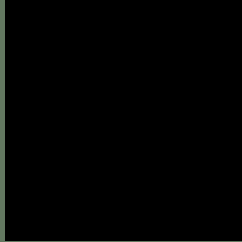
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 41.1462, -11.3868, 9.2086 Background



This preview shows how black text looks on a background with the HunterLab color 41.1462, -11.3868, 9.2086.



This preview shows how white text looks on a background with the HunterLab color 41.1462,

-11.3868, 9.2086.

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

41.1462, -11.3868, 9.2086

Protanopia

41.0973, -2.9555, 10.3320

Deuteranopia

41.0597, 2.6613, 8.6616



Tritanopia

41.1272, -4.0228, -2.6984

Trichromacy



Original Color

41.1462, -11.3868, 9.2086

Protanomaly

40.9996, -6.1136, 9.8428

Deuteranomaly

41.0117, -3.0776, 8.8678

Tritanomaly

40.9417, -6.7820, 2.0553

Monochromacy



Original Color

41.1462, -11.3868, 9.2086

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

40.2505, -5.3267, 4.6232

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.1462, -11.3868, 9.2086 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(99, 120, 96)` looks like.

```
.text, #text, p{  
    color:rgb(99, 120, 96)  
}
```

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(99, 120, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 120, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 41.1462, -11.3868, 9.2086 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(99, 120, 96) }
```


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

```
.border{ border-color:rgb(99, 120, 96) }
```

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

Here you see how a box with a 4 pixel rgb(99, 120, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 120, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 120, 96);  
box-shadow:4px 4px 4px 4px rgb(99, 120,  
96) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.1462, -11.3868, 9.2086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 120, 96) }
```

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

```
.background{ background-color: rgb(99, 120,  
96) }
```

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