

Converting Colors

HunterLab(11.2517, -6.8513,
7.8762)

Have a look what the booklet for
HunterLab(11.2517, -6.8513, 7.8762)
contains.

HunterLab(11.3700, -6.3882, 6.8943) 3
 Conversions 4
 Details 6
 Harmonies 12
 Previews 24
 Color Blindness Simulation 28
 CSS Examples 31

Color

**HunterLab(11.3700, -6.3882,
6.8943)**

Conversions

Conversions Part 1	
Format	Color
Hex	142200
RGB	20, 34, 0
RGB Percent	8%, 13%, 0%
CMY	0.9216, 0.8667, 1.0000
CMYK	0.41, 0.00, 1.00, 0.87
HSL	85°, 100%, 7%
HSV	85°, 100%, 13%
XYZ	0.8605, 1.2928, 0.2042
YIQ	25.9380, 2.5700, -13.5420

Conversions

Conversions Part 2

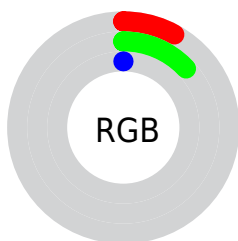
Format	Color
RYB	0, 34, 14
Decimal	1319424
CIELab	11.23, -13.14, 16.43
CIELCh	11, 21.040, 128.644
Yxy	1.2928, 0.3650, 0.5484
Android (android.graphics.Color)	4279509504 (0xFF142200)
YUV	25.9380, -12.7874, -5.2076
Hunter-Lab	11.3700, -6.3882, 6.8943

Details

The HunterLab color **11.3700, -6.3882, 6.8943** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4.5705, 10.3532, -16.6355**, and the grayscale version is **10.1820, -0.5433, 0.5532**.

A 20% lighter version of the original color is **26.1177, -9.5129, 9.8220**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.3702, -6.3886, 6.8944**, and if you desaturate by 10%, it is **11.4690, -5.9315, 6.4585**.

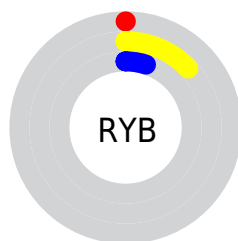
Distribution



Red (8%)

Green (13%)

Blue (0%)



Red (0%)

Yellow (13%)

Blue (5%)

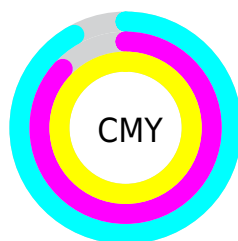


Cyan (41%)

Magenta (0%)

Yellow (100%)

Black (87%)



Cyan (92%)


Magenta (87%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 11.3700, -6.3882, 6.8943 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 11.3700, -6.3882, 6.8943 by changing the saturation by 10% instead.

 11.3700, -6.3882,
6.8943

 11.3700, -6.3882,
6.8943


 101.5885,
-18.5247, 20.2611

 3.6829, -6.4451,
2.5780


 25.9761, -9.3823,
9.6559

0.0000, NaN, NaN

0.0000, NaN, NaN


 34.6493, -10.7532,
11.3046

0.0000, NaN, NaN


 44.1175, -12.0835,
12.8791

0.0000, NaN, NaN

0.0000, NaN, NaN

 54.3190, -13.3891,
14.4040

0.0000, NaN, NaN


 65.2043, -14.6800,
15.8952


0.0000, NaN, NaN


0.0000, NaN, NaN


 76.7329, -15.9633,


17.3636


 88.8707, -17.2437,
18.8170


 11.3700, -6.3882,
6.8943


 11.3700, -6.3882,
6.8943


 11.3702, -6.3886,
6.8944

 11.4690, -5.9315,
6.4585

 11.5707, -5.4683,
6.0334

 11.6752, -4.9992,
5.6191

 11.7861, -4.5039,
5.1644

 11.9063, -3.9663,
4.6261

■ 12.0358, -3.3869,
4.0039

■ 12.1748, -2.7668,
3.2979

■ 12.3232, -2.1071,
2.5088

■ 12.4809, -1.4092,
1.6379

Harmonies

Analogous

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



11.3703, -2.1251, 7.9592



11.3700, -6.3882, 6.8943



11.3703, -8.8648, 3.6967

Triad

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



11.3703, -6.3885, 6.8944



11.3703, -4.1445, -12.9452



11.3703, 11.5765, 2.0047

Complementary

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



11.3700, -6.3882, 6.8943



4.5705, 10.3532, -16.6355

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.



11.3703, 10.7596, -3.5941



11.3700, -6.3882, 6.8943



11.3703, 0.9946, -14.1023

Square

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



11.3703, -6.3885, 6.8944



11.3703, -7.6529, -7.4312



11.3703, 6.6248, -10.1040



11.3703, 8.6846, 5.6935

Rectangle

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



11.3700, -6.3882, 6.8943



11.3703, -9.4162, 0.8500



11.3703, 6.6248, -10.1040



11.3703, 11.7361, 0.3829

Sweetspot

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



11.3703, -6.3885, 6.8944



15.0359, -3.5840, 4.2673



8.0221, 4.0167, 5.0134



8.8794, -2.0944, 2.4943



55.4075, -2.9564, 3.0104



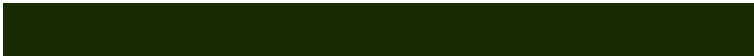
9.2414, -0.4931, 0.5021

Same Dimension

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



11.3703, -6.3885, 6.8944



14.0228, -8.1196, 8.4986



10.7984, -8.7373, 6.5009



7.6525, -0.7697, 0.8841



25.6958, -15.7500, 15.5579



70.6119, -45.2254, 42.7190

Inverse Universe

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



4.5705, 10.3532, -16.6355



5.5152, 12.6541, -21.3134



6.3298, 12.6640, -10.0541



7.3009, -0.0185, -0.0968



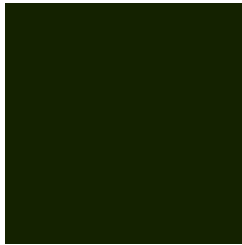
9.6773, 22.8048, -42.0575



25.6748, 61.9175, -122.5438

Previews

White Background



This preview shows how the HunterLab color 11.3700, -6.3882, 6.8943 looks on a white background.

Color Contrast Check

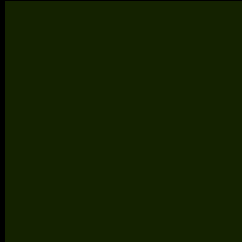
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 11.3700, -6.3882, 6.8943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

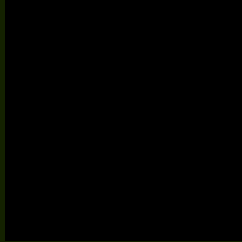
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 11.3700, -6.3882, 6.8943 Background



This preview shows how black text looks on a background with the HunterLab color 11.3700, -6.3882, 6.8943.

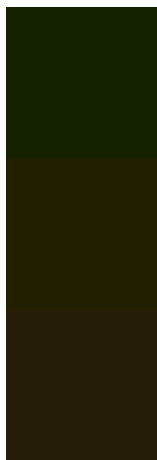


This preview shows how white text looks on a background with the HunterLab color 11.3700, -6.3882, 6.8943.

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

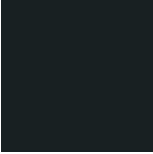
11.3700, -6.3882, 6.8943

Protanopia

11.2633, -1.8985, 6.9072

Deuteranopia

11.4286, -0.0544, 5.9985



Tritanopia

11.5875, -2.0711, -0.6396

Trichromacy



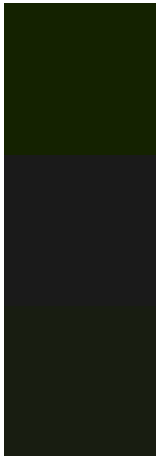
Original Color
11.3700, -6.3882, 6.8943

Protanomaly
11.1408, -3.5275, 6.8032

Deuteranomaly
11.3139, -2.8079, 6.3205

Tritanomaly
11.5230, -4.0235, 3.1244

Monochromacy



Original Color
11.3700, -6.3882, 6.8943

Achromatopsia
10.1636, -0.5423, 0.5522

Achromatomaly
10.5517, -2.9491, 3.4705

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.3700, -6.3882, 6.8943 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(20, 34, 0)` looks like.

```
.text, #text, p{  
    color:rgb(20, 34, 0)  
}
```

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(20, 34, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 34, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 11.3700, -6.3882, 6.8943 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(20, 34, 0) }
```


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

```
.border{ border-color:rgb(20, 34, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 34, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 34, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(20, 34, 0); box-shadow:4px  
4px 4px 4px rgb(20, 34, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 11.3700, -6.3882, 6.8943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 34, 0) }
```

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

```
.background{ background-color: rgb(20, 34,  
0) }
```

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