

Converting Colors

HunterLab(11.0061, -6.7458,
6.6638)

Have a look what the booklet for
HunterLab(11.0061, -6.7458, 6.6638)
contains.

HunterLab(10.9858, -6.6325, 6.6533)	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(10.9858, -6.6325,
6.6533)**

Conversions

Conversions Part 1

Format	Color
Hex	112100
RGB	17, 33, 0
RGB Percent	7%, 13%, 0%
CMY	0.9333, 0.8706, 1.0000
CMYK	0.48, 0.00, 1.00, 0.87
HSL	89°, 100%, 6%
HSV	89°, 100%, 13%
XYZ	0.7750, 1.2069, 0.1921
YIQ	24.4540, 1.0570, -13.6550

Conversions

Conversions Part 2

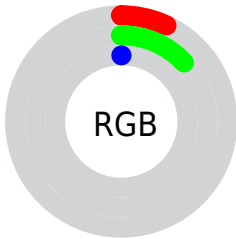
Format	Color
RYB	0, 33, 16
Decimal	1122560
CIELab	10.61, -13.98, 15.54
CIELCh	11, 20.903, 131.965
Yxy	1.2069, 0.3565, 0.5551
Android (android.graphics.Color)	4279312640 (0xFF112100)
YUV	24.4540, -12.0558, -6.5372
Hunter-Lab	10.9858, -6.6325, 6.6533

Details

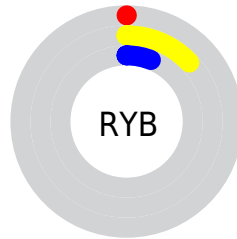
The HunterLab color **10.9858, -6.6325, 6.6533** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4.6904, 10.3729, -15.1171**, and the grayscale version is **9.7295, -0.5191, 0.5286**.

A 20% lighter version of the original color is **25.3230, -9.6916, 9.1376**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **10.9860, -6.6328, 6.6534**, and if you desaturate by 10%, it is **11.0881, -6.1587, 6.2178**.

Distribution



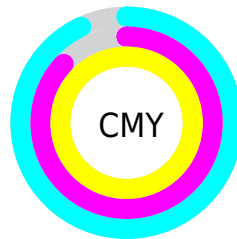
- Red (7%)
- Green (13%)
- Blue (0%)



- Red (0%)
- Yellow (13%)
- Blue (6%)



- Cyan (48%)
- Magenta (0%)
- Yellow (100%)
- Black (87%)



- Cyan (93%)
- Magenta (87%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 10.9858, -6.6325, 6.6533 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 10.9858, -6.6325, 6.6533 by changing the saturation by 10% instead.

■ 10.9858, -6.6325,
6.6533

■ 10.9858, -6.6325,
6.6533

■ 100.7878,
-19.2554, 19.4395

■ 2.5953, -4.5417,
1.8167

■ 25.4688, -9.7662,
9.2002

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 34.0906, -11.2016,
10.7840

0.0000, NaN, NaN

■ 43.5117, -12.5891,
12.2993

0.0000, NaN, NaN

■ 53.6695, -13.9465,
13.7695

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 64.5139, -15.2852,
15.2097


0.0000, NaN, NaN


■ 76.0038, -16.6129,


0.0000, NaN, NaN


16.6303


 88.1049, -17.9350,
18.0384


 10.9858, -6.6325,
6.6533


 10.9858, -6.6325,
6.6533


 10.9860, -6.6328,
6.6534

 11.0881, -6.1587,
6.2178

 11.1940, -5.6747,
5.7944

 11.3038, -5.1811,
5.3834

 11.4204, -4.6620,
4.9434

 11.5472, -4.0982,
4.4245

■ 11.6840, -3.4910,
3.8271

■ 11.8311, -2.8417,
3.1516

■ 11.9883, -2.1519,
2.3990

■ 12.1555, -1.4233,
1.5711

Harmonies

Analogous

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



10.9860, -2.6206, 7.6902



10.9858, -6.6325, 6.6533



10.9860, -8.9724, 3.2308

Triad

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



10.9860, -6.6327, 6.6534



10.9860, -3.5672, -13.1902



10.9860, 11.2658, 2.4239

Complementary

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



10.9858, -6.6325, 6.6533



4.6904, 10.3729, -15.1171

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.



10.9860, 10.8796, -2.8466



10.9858, -6.6325, 6.6533



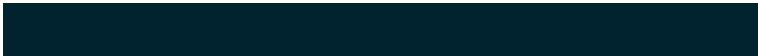
10.9860, 1.6067, -13.7408

Square

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



10.9860, -6.6327, 6.6534



10.9860, -7.2536, -8.0598



10.9860, 7.0917, -9.3280



10.9860, 8.0639, 6.0628

Rectangle

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



10.9858, -6.6325, 6.6533



10.9860, -9.3748, 0.2604



10.9860, 7.0917, -9.3280



10.9860, 11.5658, 0.9252

Sweetspot

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



10.9860, -6.6327, 6.6534



14.9765, -3.8022, 4.2073



8.3215, 2.8507, 5.1775



8.8448, -2.2214, 2.4593



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.



10.9860, -6.6327, 6.6534



13.8840, -8.6782, 8.4034



10.4466, -8.8705, 6.2818



6.9221, -0.6982, 0.7643



24.6269, -16.2578, 14.8904



68.9177, -47.5792, 41.6338

Inverse Universe

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



4.6904, 10.3729, -15.1171



5.8021, 12.9868, -19.8978



6.5128, 12.8390, -8.8613



6.6392, -0.0176, -0.0461



9.9177, 22.6835, -37.7702



26.8347, 62.6608, -112.1583

Previews

White Background



This preview shows how the HunterLab color 10.9858, -6.6325, 6.6533 looks on a white background.

Color Contrast Check

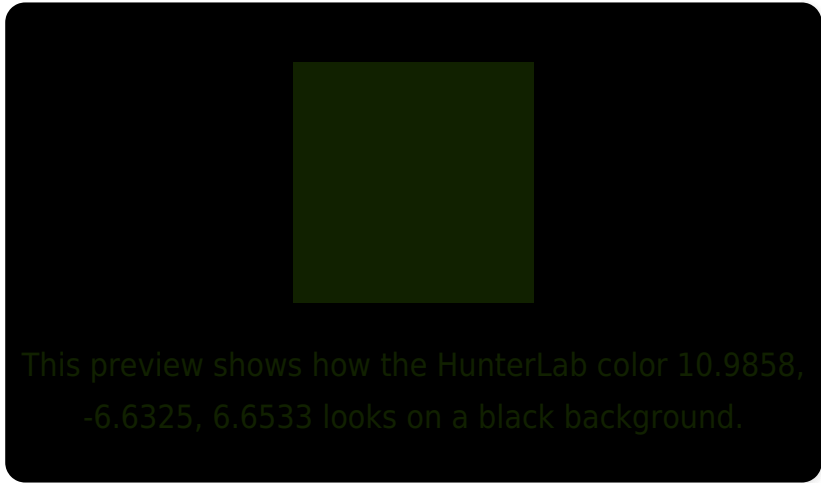
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

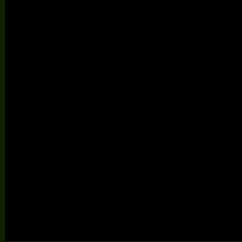
Any Text WCAG AA × Fail

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 10.9858, -6.6325, 6.6533 Background



This preview shows how black text looks on a background with the HunterLab color 10.9858, -6.6325, 6.6533.

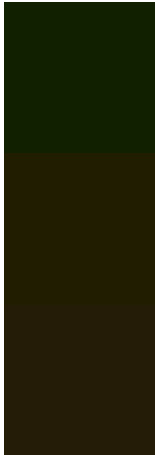


This preview shows how white text looks on a background with the HunterLab color 10.9858, -6.6325, 6.6533.

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

10.9858, -6.6325, 6.6533

Protanopia

10.9639, -1.8223, 6.7240

Deuteranopia

11.1318, 0.0271, 5.7892



Tritanopia

11.1768, -2.4108, -0.7878

Trichromacy



Original Color

10.9858, -6.6325, 6.6533

Protanomaly

10.7776, -3.6853, 6.5766

Deuteranomaly

11.0151, -2.7213, 6.1216

Tritanomaly

11.1171, -4.3560, 2.9903

Monochromacy



Original Color

10.9858, -6.6325, 6.6533

Achromatopsia

9.5572, -0.5099, 0.5193

Achromatomaly

9.8883, -3.0904, 3.3292

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 10.9858, -6.6325, 6.6533 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(17, 33, 0)` looks like.

```
.text, #text, p{  
    color:rgb(17, 33, 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(17, 33, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 33, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 10.9858, -6.6325, 6.6533 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(17, 33, 0) }
```


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

```
.border{ border-color:rgb(17, 33, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 33, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 33, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(17, 33, 0); box-shadow:4px  
4px 4px 4px rgb(17, 33, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 10.9858, -6.6325, 6.6533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 33, 0) }
```

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

```
.background{ background-color: rgb(17, 33,  
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