

Converting Colors

HunterLab(11.3506, 9.0880,
-0.3669)

Have a look what the booklet for
HunterLab(11.3506, 9.0880, -0.3669)
contains.

HunterLab(11.3500, 9.0759, -0.3635)	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(11.3500, 9.0759,
-0.3635)**

Conversions

Conversions Part 1

Format	Color
Hex	321421
RGB	50, 20, 33
RGB Percent	20%, 8%, 13%
CMY	0.8039, 0.9216, 0.8706
CMYK	0.00, 0.60, 0.34, 0.80
HSL	334°, 43%, 14%
HSV	334°, 60%, 20%
XYZ	1.8401, 1.2882, 1.5905
YIQ	30.4520, 13.7070, 10.4030

Conversions

Conversions Part 2

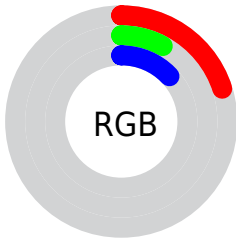
Format	Color
R_{YB}	50, 20, 33
Decimal	3281953
CIE _{Lab}	11.19, 17.04, -2.01
CIE _{LCh}	11, 17.162, 353.289
Yxy	1.2883, 0.3899, 0.2730
Android (android.graphics.Color)	4281472033 (0xFF321421)
YUV	30.4520, 1.2562, 17.1436
Hunter-Lab	11.3500, 9.0759, -0.3635

Details

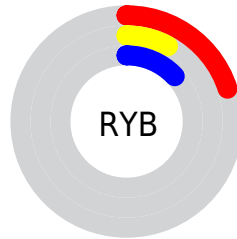
The HunterLab color **11.3500, 9.0759, -0.3635** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **16.0110, -8.3635, 3.2377**, and the grayscale version is **11.5283, -0.6151, 0.6264**.

A 20% lighter version of the original color is **26.0754, 10.5694, 0.2879**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **10.5565, 10.6556, -0.2701**, and if you desaturate by 10%, it is **12.2467, 7.4126, -0.3400**.

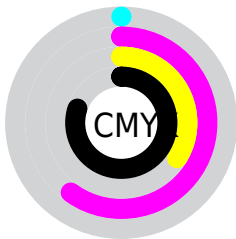
Distribution



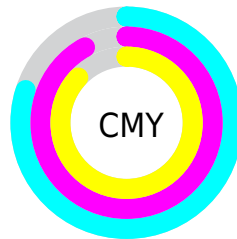
- Red (20%)
- Green (8%)
- Blue (13%)



- Red (20%)
- Yellow (8%)
- Blue (13%)



- Cyan (0%)
- Magenta (60%)
- Yellow (34%)
- Black (80%)



- Cyan (80%)
- Magenta (92%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.3500, 9.0759, -0.3635 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 11.3500, 9.0759, -0.3635 by changing the saturation by 10% instead.

■ 11.3500, 9.0759,
-0.3635

■ 11.3500, 9.0759,
-0.3635

■ 101.5471, 12.6109,
3.5561

■ 3.6347, 20.2399,
-2.0893

■ 25.9498, 10.6340,
0.1431

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 34.6203, 11.1957,
0.4930

0.0000, NaN, NaN

■ 44.0862, 11.6430,
0.8960

0.0000, NaN, NaN

■ 54.2854, 11.9918,
1.3467

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 65.1685, 12.2545,
1.8411

0.0000, NaN, NaN

■ 76.6951, 12.4404,


0.0000, NaN, NaN


2.3758


 88.8310, 12.5572,
2.9482

 11.3500, 9.0759,
-0.3635


 11.3500, 9.0759,
-0.3635

 10.5565, 10.6556,
-0.2701


 12.2467, 7.4126,
-0.3400


 9.8788, 12.0861,
-0.0464


 13.2326, 5.7159,
-0.2173


 9.2452, 13.5504,
0.2158

 14.2965, 4.0166,
-0.0115

 8.5720, 15.3396,
0.4164

 15.4278, 2.3332,
0.2629

 8.5718, 15.3403,
0.4164

 16.6181, 0.6753,
0.5935

■ 17.8599, -0.9535,
0.9705

■ 19.1473, -2.5527,
1.3859

■ 20.4751, -4.1239,
1.8334

■ 21.8392, -5.6696,
2.3081

Harmonies

Analogous

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



11.3503, 7.0019, -5.3214



11.3500, 9.0759, -0.3635



11.3503, 8.2549, 3.3753

Triad

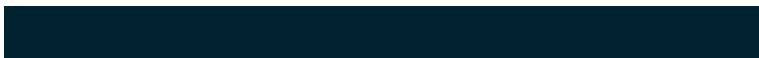
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11.3503, 9.0753, -0.3632



11.3503, -3.7607, 6.6542



11.3503, -5.2329, -7.9108

Complementary

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



11.3500, 9.0759, -0.3635



16.0110, -8.3635, 3.2377

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.



11.3503, -7.3923, -3.0462



11.3500, 9.0759, -0.3635



11.3503, -6.6224, 4.6438

Square

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



11.3503, 9.0753, -0.3632



11.3503, 0.3992, 7.1219



11.3503, -7.8840, 1.5184



11.3503, -1.5778, -10.6307

Rectangle

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



11.3500, 9.0759, -0.3635



11.3503, 6.2303, 5.1948



11.3503, -7.8840, 1.5184



11.3503, -6.1304, -6.4002

Sweetspot

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



11.3503, 9.0753, -0.3632



19.6472, 2.7139, 0.3748



10.6018, 8.1984, -10.1995



10.7102, 1.5940, 0.1865



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



11.3503, 9.0753, -0.3632



12.8361, 14.4946, -0.2050



11.4127, 7.0641, 3.7175



9.4344, 0.2189, 0.3676



15.1015, 26.8175, 2.3502



39.3956, 69.5138, 9.5836

Inverse Universe

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



11.3503, 9.0753, -0.3632



12.8361, 14.4946, -0.2050



15.7891, -5.9111, -1.7059



9.4344, 0.2189, 0.3676



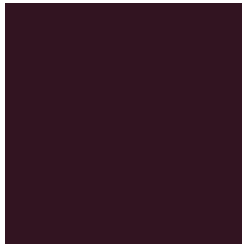
15.1015, 26.8175, 2.3502



39.3956, 69.5138, 9.5836

Previews

White Background



This preview shows how the HunterLab color 11.3500, 9.0759, -0.3635 looks on a white background.

Color Contrast Check

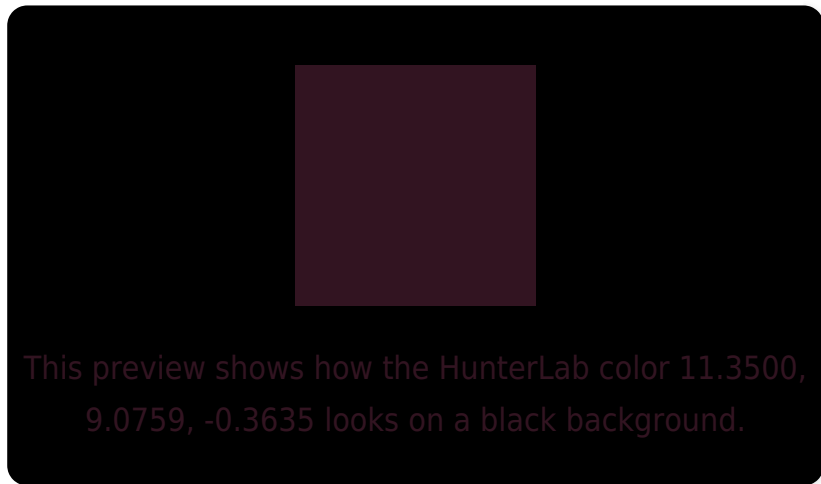
Large Text (above 18pt) WCAG AA ✓ Pass

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

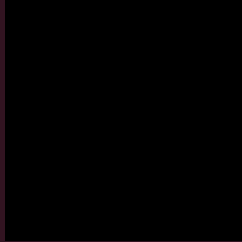
Any Text WCAG AA × Fail

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 11.3500, 9.0759, -0.3635 Background



This preview shows how black text looks on a background with the HunterLab color 11.3500, 9.0759, -0.3635.



This preview shows how white text looks on a background with the HunterLab color 11.3500, 9.0759, -0.3635.

-0.3635.

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

11.3500, 9.0759, -0.3635

Protanopia

11.5266, 0.3654, -3.2170

Deuteranopia

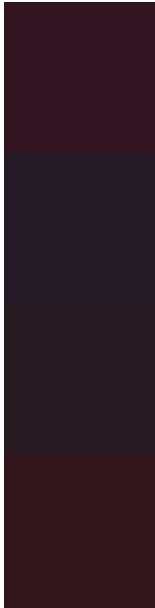
11.6224, 0.2223, 0.5526



Tritanopia

11.3698, 7.0807, 2.6237

Trichromacy



Original Color

11.3500, 9.0759, -0.3635

Protanomaly

11.1688, 3.3228, -2.3510

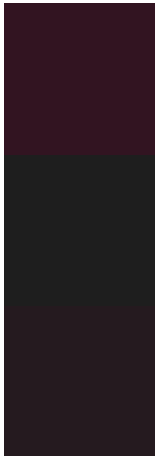
Deuteranomaly

11.2890, 3.4373, -0.1605

Tritanomaly

11.2625, 7.7511, 1.6169

Monochromacy



Original Color

11.3500, 9.0759, -0.3635

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.0952, 2.7796, -0.0418

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.3500, 9.0759, -0.3635 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(50, 20, 33)` looks like.

```
.text, #text, p{  
  color:rgb(50, 20, 33)  
}
```

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(50, 20, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 20, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 11.3500, 9.0759, -0.3635 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(50, 20, 33) }
```


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

```
.border{ border-color:rgb(50, 20, 33) }
```

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

Here you see how a box with a 4 pixel rgb(50, 20, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 20, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 20, 33);  
box-shadow:4px 4px 4px 4px rgb(50, 20, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 11.3500, 9.0759, -0.3635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 20, 33) }
```

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

```
.background{ background-color: rgb(50, 20,  
33) }
```

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