

Converting Colors

HunterLab(11.6697, -10.6706,
4.0212)

Have a look what the booklet for
HunterLab(11.6697, -10.6706,
4.0212) contains.

HunterLab(11.9578, -8.9500, 4.3742)	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(11.9578, -8.9500,
4.3742)**

Conversions

Conversions Part 1

Format	Color
Hex	002612
RGB	0, 38, 18
RGB Percent	0%, 15%, 7%
CMY	1.0000, 0.8510, 0.9294
CMYK	1.00, 0.00, 0.53, 0.85
HSL	148°, 100%, 7%
HSV	148°, 100%, 15%
XYZ	0.8023, 1.4299, 0.8060
YIQ	24.3580, -16.2280, -14.2760

Conversions

Conversions Part 2

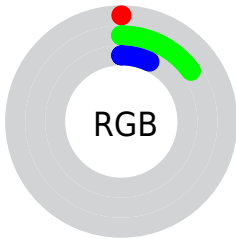
Format	Color
RYB	0, 26, 38
Decimal	9746
CIELab	12.16, -19.53, 9.43
CIELCh	12, 21.686, 154.227
Yxy	1.4299, 0.2641, 0.4706
Android (android.graphics.Color)	4278199826 (0xFF002612)
YUV	24.3580, -3.1345, -21.3620
Hunter-Lab	11.9578, -8.9500, 4.3742

Details

The HunterLab color **11.9578, -8.9500, 4.3742** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **6.8014, 12.3901, -1.3615**, and the grayscale version is **9.6782, -0.5164, 0.5258**.

A 20% lighter version of the original color is **26.6338, -12.8607, 6.6699**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.9580, -8.9501, 4.3743**, and if you desaturate by 10%, it is **12.0884, -8.3528, 4.0565**.

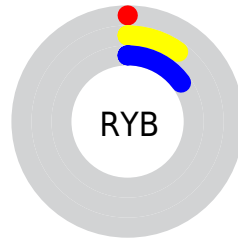
Distribution



Red (0%)

Green (15%)

Blue (7%)



Red (0%)

Yellow (10%)

Blue (15%)

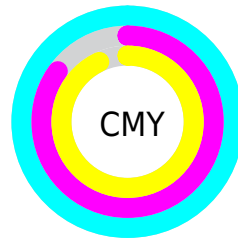


Cyan (100%)

Magenta (0%)

Yellow (53%)

Black (85%)



Cyan (100%)

Magenta (85%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.9578, -8.9500, 4.3742 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 11.9578, -8.9500, 4.3742 by changing the saturation by 10% instead.

■ 11.9578, -8.9500,
4.3742

■ 11.9578, -8.9500,
4.3742

■ 102.8003,
-24.7941, 14.3910

■ 4.8851, -8.5488,
3.4195

■ 26.7475, -13.0696,
6.6961

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.4977, -14.9033,
7.8084

0.0000, NaN, NaN

■ 45.0366, -16.6526,
8.9038

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.3036, -18.3434,
9.9929

0.0000, NaN, NaN


■ 66.2503, -19.9928,
11.0824


0.0000, NaN, NaN


■ 77.8369, -21.6125,


0.0000, NaN, NaN


12.1767


 90.0298, -23.2108,
13.2789

 11.9578, -8.9500,
4.3742

 11.9578, -8.9500,
4.3742


 11.9580, -8.9501,
4.3743

 12.0884, -8.3528,
4.0565

 12.2198, -7.7546,
3.7110

 12.3537, -7.1498,
3.3395

 12.5064, -6.4735,
2.9598

 12.6829, -5.7100,
2.5792

■ 12.8834, -4.8630,
2.2007

■ 13.1079, -3.9370,
1.8269

■ 13.3561, -2.9376,
1.4602

■ 13.6277, -1.8708,
1.1028

Harmonies

Analogous

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



11.9580, -6.1617, 7.3211



11.9578, -8.9500, 4.3742



11.9580, -9.7147, -0.1370

Triad

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



11.9580, -8.9501, 4.3743



11.9580, 0.1735, -14.9458



11.9580, 9.7474, 5.3339

Complementary

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



11.9578, -8.9500, 4.3742



6.8014, 12.3901, -1.3615

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.



11.9580, 12.2550, 1.3886



11.9578, -8.9500, 4.3742



11.9580, 6.1139, -11.4516

Square

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



11.9580, -8.9501, 4.3743



11.9580, -5.0096, -12.9160



11.9580, 10.8155, -4.7779



11.9580, 4.4671, 7.8751

Rectangle

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



11.9578, -8.9500, 4.3742



11.9580, -9.0403, -4.4202



11.9580, 10.8155, -4.7779



11.9580, 10.9830, 4.1904

Sweetspot

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



11.9580, -8.9501, 4.3743



16.2734, -5.1248, 2.3612



12.4009, -7.4931, 7.5101



9.3955, -2.9549, 1.3617



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



11.9580, -8.9501, 4.3743



14.8747, -11.2751, 5.7477



12.3214, -6.7438, -0.8428



7.6072, -0.8960, 0.5671



24.7359, -19.1299, 10.3784



68.2289, -53.7878, 30.8323

Inverse Universe

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



6.8014, 12.3901, -1.3615



8.4365, 15.3054, -1.1975



6.4410, 11.0733, 3.8279



7.3495, 0.1109, 0.2510



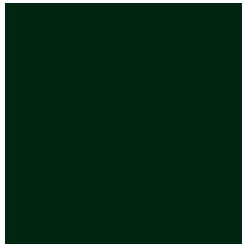
13.9642, 25.1603, -0.6372



38.3364, 68.5918, 1.9858

Previews

White Background



This preview shows how the HunterLab color 11.9578, -8.9500, 4.3742 looks on a white background.

Color Contrast Check

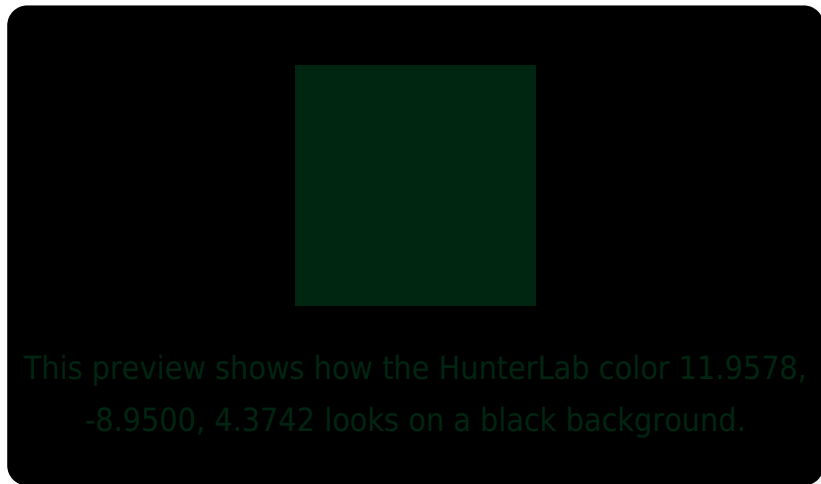
Large Text (above 18pt) WCAG AA ✓ Pass

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

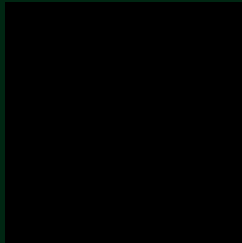
Any Text WCAG AA × Fail

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 11.9578, -8.9500, 4.3742 Background



This preview shows how black text looks on a background with the HunterLab color 11.9578, -8.9500, 4.3742.



This preview shows how white text looks on a background with the HunterLab color 11.9578, -8.9500,

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

11.9578, -8.9500, 4.3742

Protanopia

12.2482, -1.5424, 5.1473

Deuteranopia

12.1721, 0.5687, 4.2866



Tritanopia

12.2874, -4.1563, -1.7633

Trichromacy



Original Color

11.9578, -8.9500, 4.3742

Protanomaly

11.9360, -5.1025, 4.6314

Deuteranomaly

11.8226, -4.2254, 4.1214

Tritanomaly

12.1926, -6.1983, 1.1008

Monochromacy



Original Color

11.9578, -8.9500, 4.3742

Achromatopsia

9.5572, -0.5099, 0.5193

Achromatomaly

10.1893, -4.1461, 1.7892

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.9578, -8.9500, 4.3742 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(0, 38, 18)` looks like.

```
.text, #text, p{  
    color:rgb(0, 38, 18)  
}
```

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(0, 38, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 38, 18) }
```

Border

The CSS property to change the border of an element to HunterLab 11.9578, -8.9500, 4.3742 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(0, 38, 18) }
```


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

```
.border{ border-color:rgb(0, 38, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 38, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 38, 18); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 38, 18); box-shadow:4px  
4px 4px 4px rgb(0, 38, 18) }
```

Background

The CSS property to change the background color of an element to HunterLab 11.9578, -8.9500, 4.3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 38, 18) }
```

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

```
.background{ background-color: rgb(0, 38,  
18) }
```

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](#).

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