

Converting Colors

HunterLab(11.8596, 10.8580,
8.3017)

Have a look what the booklet for
HunterLab(11.8596, 10.8580,
8.3017) contains.

HunterLab(11.9361, 11.1262, 7.5498)	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(11.9361, 11.1262,
7.5498)**

Conversions

Conversions Part 1

Format	Color
Hex	3D1200
RGB	61, 18, 0
RGB Percent	24%, 7%, 0%
CMY	0.7608, 0.9294, 1.0000
CMYK	0.00, 0.70, 1.00, 0.76
HSL	18°, 100%, 12%
HSV	18°, 100%, 24%
XYZ	2.1408, 1.4247, 0.1622
YIQ	28.8050, 31.4060, 3.5180

Conversions

Conversions Part 2

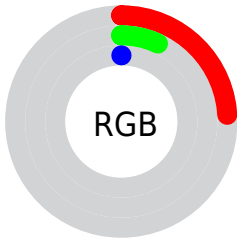
Format	Color
RYB	61, 26, 0
Decimal	4002304
CIELab	12.12, 19.99, 18.58
CIELCh	12, 27.292, 42.905
Yxy	1.4248, 0.5743, 0.3822
Android (android.graphics.Color)	4282192384 (0xFF3D1200)
YUV	28.8050, -14.2009, 28.2350
Hunter-Lab	11.9361, 11.1262, 7.5498

Details

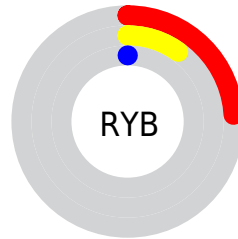
The HunterLab color **11.9361, 11.1262, 7.5498** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **14.3682, -3.9495, -9.4332**, and the grayscale version is **11.0602, -0.5901, 0.6009**.

A 20% lighter version of the original color is **26.6369, 13.1458, 10.6576**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.9364, 11.1251, 7.5499**, and if you desaturate by 10%, it is **12.6131, 9.7773, 7.1199**.

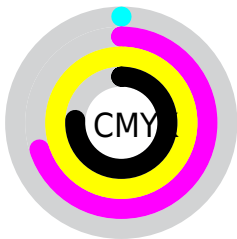
Distribution



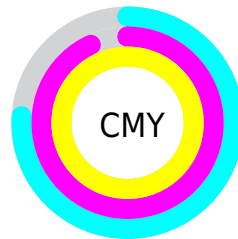
- Red (24%)
- Green (7%)
- Blue (0%)



- Red (24%)
- Yellow (10%)
- Blue (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (100%)
- Black (76%)



- Cyan (76%)
- Magenta (93%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.9361, 11.1262, 7.5498 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 11.9361, 11.1262, 7.5498 by changing the saturation by 10% instead.

■ 11.9361, 11.1262,
7.5498

■ 11.9361, 11.1262,
7.5498

■ 102.7561, 15.8632,
22.1428

■ 4.8465, 17.7147,
3.3925

■ 26.7192, 12.9833,
10.6412

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.4667, 13.6899,
12.4506

0.0000, NaN, NaN

■ 45.0030, 14.2764,
14.1711

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.2676, 14.7588,
15.8302

0.0000, NaN, NaN


■ 66.2121, 15.1497,
17.4460


0.0000, NaN, NaN


■ 77.7966, 15.4590,


0.0000, NaN, NaN


19.0312


 89.9875, 15.6947,
20.5945


 11.9361, 11.1262,
7.5498


 11.9361, 11.1262,
7.5498


 11.9364, 11.1251,
7.5499

 12.6131, 9.7773,
7.1199

 13.3599, 8.3511,
6.8063

 14.1831, 6.9392,
6.4146

 15.0787, 5.5804,
5.9048

 16.0392, 4.2867,
5.2932

■ 17.0579, 3.0633,
4.5949

■ 18.1286, 1.9108,
3.8235

■ 19.2458, 0.8268,
2.9902

■ 20.4050, -0.1927,
2.1044

Harmonies

Analogous

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



11.9364, 15.8360, 3.2058



11.9361, 11.1262, 7.5498



11.9364, 3.6554, 8.3555

Triad

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



11.9364, 11.1251, 7.5499



11.9364, -11.3378, 3.8837



11.9364, 2.5737, -20.2655

Complementary

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



11.9361, 11.1262, 7.5498



14.3682, -3.9495, -9.4332

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.



11.9364, -4.3982, -19.6791



11.9361, 11.1262, 7.5498



11.9364, -11.5263, -2.6371

Square

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



11.9364, 11.1251, 7.5499



11.9364, -8.5977, 8.0399



11.9364, -9.1127, -12.0371



11.9364, 10.1751, -13.3512

Rectangle

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



11.9361, 11.1262, 7.5498



11.9364, -1.3230, 8.3555



11.9364, -9.1127, -12.0371



11.9364, 0.0637, -21.0202

Sweetspot

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



11.9364, 11.1251, 7.5499



23.2919, 2.6694, 5.0910



10.8250, 20.1984, -5.8748



12.2218, 1.5398, 2.7851



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



11.9364, 11.1251, 7.5499



15.1340, 15.2873, 9.5931



17.5735, -0.5606, 10.8189



11.0384, -0.1859, 1.0515



17.9483, 18.9498, 11.3914



43.9786, 52.9023, 28.0255

Inverse Universe

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



14.3682, -3.9495, -9.4332



18.3481, -4.7356, -12.7107



7.9394, 8.3418, -27.9311



11.1828, -0.9722, 0.1464



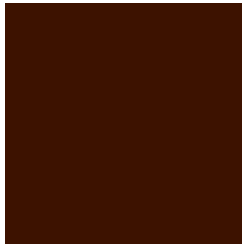
21.8406, -5.4156, -15.6082



54.0086, -11.5045, -42.6710

Previews

White Background



This preview shows how the HunterLab color 11.9361, 11.1262, 7.5498 looks on a white background.

Color Contrast Check

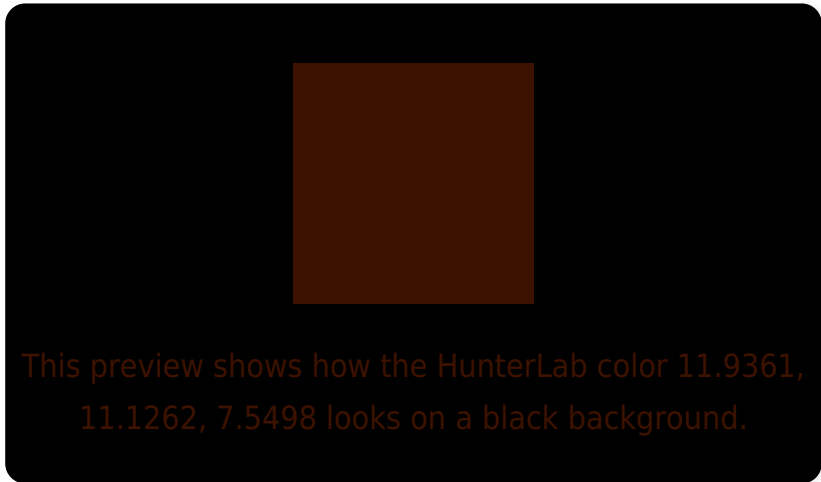
Large Text (above 18pt) WCAG AA ✓ Pass

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

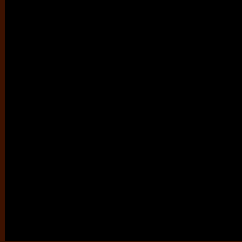
Any Text WCAG AA × Fail

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 11.9361, 11.1262, 7.5498 Background



This preview shows how black text looks on a background with the HunterLab color 11.9361, 11.1262, 7.5498.

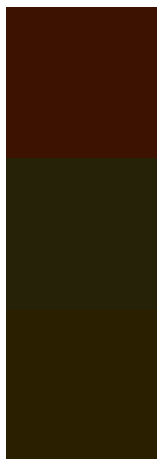


This preview shows how white text looks on a background with the HunterLab color 11.9361, 11.1262,

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

11.9361, 11.1262, 7.5498

Protanopia

12.5358, -1.8645, 6.7411

Deuteranopia

12.3502, -0.3469, 7.6040



Tritanopia

11.9728, 12.2362, 4.9656

Trichromacy



Original Color

11.9361, 11.1262, 7.5498

Protanomaly

11.9169, 2.5705, 6.8166

Deuteranomaly

11.9868, 3.7213, 7.4514

Tritanomaly

11.9045, 11.9348, 5.9675

Monochromacy



Original Color

11.9361, 11.1262, 7.5498

Achromatopsia

11.0844, -0.5914, 0.6022

Achromatomaly

11.0016, 2.9958, 3.7475

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.9361, 11.1262, 7.5498 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(61, 18, 0)` looks like.

```
.text, #text, p{  
    color:rgb(61, 18, 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(61, 18, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 18, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 11.9361, 11.1262, 7.5498 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(61, 18, 0) }
```


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

```
.border{ border-color:rgb(61, 18, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 18, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 18, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(61, 18, 0); box-shadow:4px  
4px 4px 4px rgb(61, 18, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 11.9361, 11.1262, 7.5498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 18, 0) }
```

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

```
.background{ background-color: rgb(61, 18,  
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