

Converting Colors

HunterLab(12.6926, 11.0171,
8.0140)

Have a look what the booklet for
HunterLab(12.6926, 11.0171,
8.0140) contains.

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Color

**HunterLab(12.7527, 11.0309,
8.0513)**

Conversions

Conversions Part 1

Format	Color
Hex	401500
RGB	64, 21, 0
RGB Percent	25%, 8%, 0%
CMY	0.7490, 0.9176, 1.0000
CMYK	0.00, 0.67, 1.00, 0.75
HSL	20°, 100%, 13%
HSV	20°, 100%, 25%
XYZ	2.3825, 1.6263, 0.1883
YIQ	31.4630, 32.3690, 2.5850

Conversions

Conversions Part 2

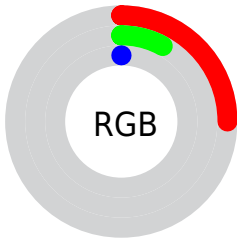
Format	Color
RYB	64, 31, 0
Decimal	4199680
CIELab	13.39, 19.65, 20.39
CIELCh	13, 28.319, 46.062
Yxy	1.6264, 0.5676, 0.3875
Android (android.graphics.Color)	4282389760 (0xFF401500)
YUV	31.4630, -15.5113, 28.5349
Hunter-Lab	12.7527, 11.0309, 8.0513

Details

The HunterLab color **12.7527, 11.0309, 8.0513** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **14.4835, -3.2955, -10.9889**, and the grayscale version is **11.8904, -0.6344, 0.6460**.

A 20% lighter version of the original color is **27.8325, 12.4222, 11.6388**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.7531, 11.0298, 8.0515**, and if you desaturate by 10%, it is **13.4620, 9.6370, 7.6545**.

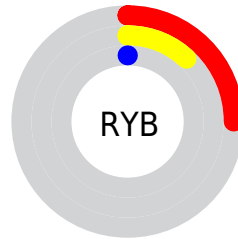
Distribution



Red (25%)

Green (8%)

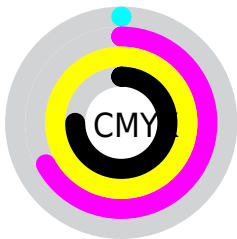
Blue (0%)



Red (25%)

Yellow (12%)

Blue (0%)

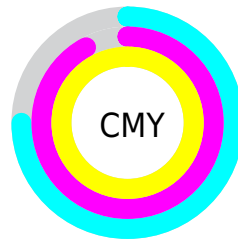


Cyan (0%)

Magenta (67%)

Yellow (100%)

Black (75%)



Cyan (75%)

Magenta (92%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.7527, 11.0309, 8.0513 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 12.7527, 11.0309, 8.0513 by changing the saturation by 10% instead.

12.7527, 11.0309,
8.0513

12.7527, 11.0309,
8.0513

104.4156, 15.5008,
23.7978

6.1262, 13.6496,
4.2883

27.7826, 12.8101,
11.5581

0.0000, NaN, NaN

0.0000, NaN, NaN

36.6340, 13.4827,
13.4965

0.0000, NaN, NaN

46.2657, 14.0383,
15.3358

0.0000, NaN, NaN

0.0000, NaN, NaN

56.6190, 14.4923,
17.1052

0.0000, NaN, NaN


67.6468, 14.8569,
18.8243


0.0000, NaN, NaN


79.3100, 15.1416,


0.0000, NaN, NaN


20.5067


 91.5757, 15.3542,
22.1621


 12.7527, 11.0309,
8.0513


 12.7527, 11.0309,
8.0513


 12.7531, 11.0298,
8.0515

 13.4620, 9.6370,
7.6545

 14.2375, 8.1825,
7.3587

 15.0868, 6.7595,
6.9582

 16.0060, 5.4001,
6.4235

 16.9881, 4.1138,
5.7708

■ 18.0268, 2.9043,
5.0159

■ 19.1164, 1.7710,
4.1730

■ 20.2517, 0.7110,
3.2544

■ 21.4285, -0.2803,
2.2705

Harmonies

Analogous

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



12.7531, 16.4727, 3.9531



12.7527, 11.0309, 8.0513



12.7531, 3.0056, 8.9271

Triad

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



12.7531, 11.0298, 8.0515



12.7531, -11.9886, 3.5915



12.7531, 3.5869, -20.9691

Complementary

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



12.7527, 11.0309, 8.0513



14.4835, -3.2955, -10.9889

Split Complementary

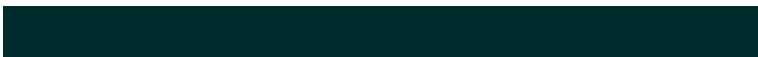
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



12.7531, -3.9915, -21.2831



12.7527, 11.0309, 8.0513



12.7531, -11.8957, -3.7458

Square

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



12.7531, 11.0298, 8.0515



12.7531, -9.5382, 7.8102



12.7531, -9.2686, -13.7820



12.7531, 11.5398, -13.0779

Rectangle

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



12.7527, 11.0309, 8.0513



12.7531, -2.1776, 8.9271



12.7531, -9.2686, -13.7820



12.7531, 0.8876, -22.0731

Sweetspot

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



12.7531, 11.0298, 8.0515



24.9868, 2.5289, 5.6536



11.2687, 20.8938, -5.0900



12.9771, 1.4667, 3.0759



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



12.7531, 11.0298, 8.0515



16.4442, 15.4648, 10.4036



18.8940, -1.3752, 11.6183



11.8096, -0.2280, 1.1617



18.8630, 18.3758, 11.9450



45.5642, 50.6756, 28.9636

Inverse Universe

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



14.4835, -3.2955, -10.9889



18.7694, -3.8753, -15.0946



7.9164, 9.9048, -31.2762



11.9187, -1.0077, 0.1142



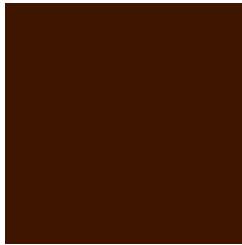
21.5717, -4.2452, -17.7984



52.4018, -8.1215, -47.9657

Previews

White Background



This preview shows how the HunterLab color 12.7527, 11.0309, 8.0513 looks on a white background.

Color Contrast Check

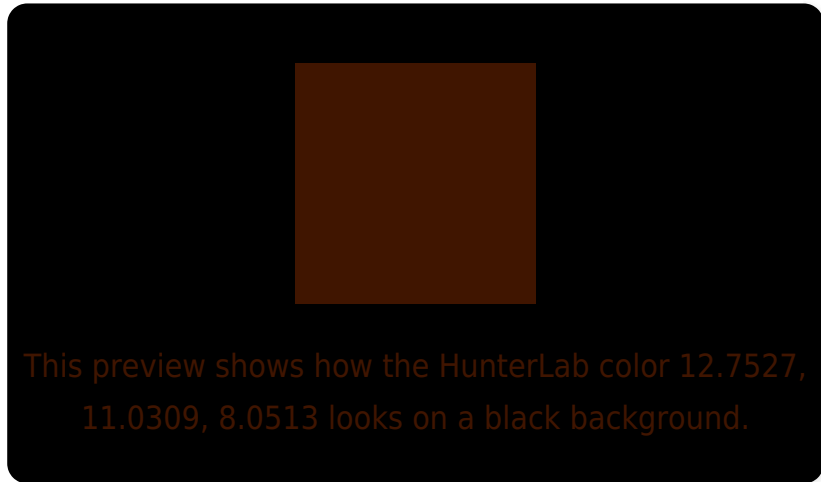
Large Text (above 18pt) WCAG AA ✓ Pass

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

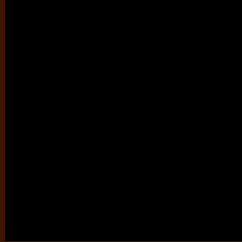
Any Text WCAG AA × Fail

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 12.7527, 11.0309, 8.0513 Background



This preview shows how black text looks on a background with the HunterLab color 12.7527, 11.0309, 8.0513.

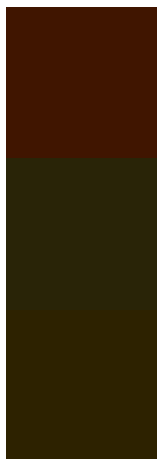


This preview shows how white text looks on a background with the HunterLab color 12.7527, 11.0309, 8.0513.

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

12.7527, 11.0309, 8.0513

Protanopia

13.2231, -1.7623, 7.2159

Deuteranopia

13.0459, -0.1964, 8.0354



Tritanopia

12.8236, 12.3560, 4.8379

Trichromacy



Original Color

12.7527, 11.0309, 8.0513

Protanomaly

12.8129, 2.3545, 7.4050

Deuteranomaly

12.6838, 3.9164, 7.8843

Tritanomaly

12.7254, 11.9167, 6.2759

Monochromacy



Original Color

12.7527, 11.0309, 8.0513

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

11.6102, 2.9662, 3.8263

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.7527, 11.0309, 8.0513 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(64, 21, 0)` looks like.

```
.text, #text, p{  
    color:rgb(64, 21, 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(64, 21, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 21, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 12.7527, 11.0309, 8.0513 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(64, 21, 0) }
```


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

```
.border{ border-color:rgb(64, 21, 0) }
```

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

Here you see how a box with a 4 pixel rgb(64, 21, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 21, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(64, 21, 0); box-shadow:4px  
4px 4px 4px rgb(64, 21, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.7527, 11.0309, 8.0513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 21, 0) }
```

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

```
.background{ background-color: rgb(64, 21,  
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](#).

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