

Converting Colors

HunterLab(12.9593, 22.3092,
7.4750)

Have a look what the booklet for
HunterLab(12.9593, 22.3092,
7.4750) contains.

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Color

**HunterLab(12.9522, 22.2995,
7.4513)**

Conversions

Conversions Part 1

Format	Color
Hex	4F0007
RGB	79, 0, 7
RGB Percent	31%, 0%, 3%
CMY	0.6902, 1.0000, 0.9725
CMYK	0.00, 1.00, 0.91, 0.69
HSL	355°, 100%, 15%
HSV	355°, 100%, 31%
XYZ	3.2628, 1.6776, 0.3529
YIQ	24.4190, 44.8370, 18.9250

Conversions

Conversions Part 2

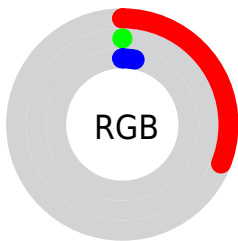
Format	Color
R _Y B	79, 0, 7
Decimal	5177351
CIE Lab	13.70, 34.50, 18.57
CIE LCh	14, 39.179, 28.286
Yxy	1.6777, 0.6164, 0.3169
Android (android.graphics.Color)	4283367431 (0xFF4F0007)
YUV	24.4190, -8.5876, 47.8675
Hunter-Lab	12.9522, 22.2995, 7.4513

Details

The HunterLab color **12.9522, 22.2995, 7.4513** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **24.6168, -14.3223, 0.1497**, and the grayscale version is **9.7001, -0.5176, 0.5270**.

A 20% lighter version of the original color is **28.0401, 25.5663, 10.8562**, and **3.4521, 5.9118, 2.2307** is the 20% darker color. If you saturate the color by 10%, you get **12.9521, 22.2992, 7.4519**, and if you desaturate by 10%, it is **13.6606, 20.4016, 6.9404**.

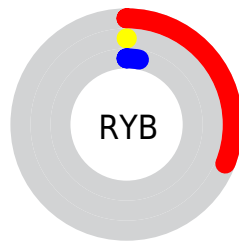
Distribution



Red (31%)

Green (0%)

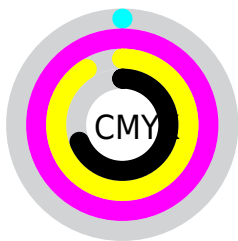
Blue (3%)



Red (31%)

Yellow (0%)

Blue (3%)

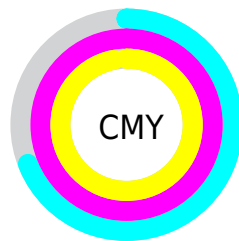


Cyan (0%)

Magenta (100%)

Yellow (91%)

Black (69%)



Cyan (69%)


Magenta (100%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 12.9522, 22.2995, 7.4513 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 12.9522, 22.2995, 7.4513 by changing the saturation by 10% instead.

 12.9522, 22.2995,
7.4513

 12.9522, 22.2995,
7.4513


 104.8170, 32.5160,
22.3745

 6.3965, 24.9223,
4.4776


 28.0410, 25.3910,
10.9282

0.0000, INF, NaN

0.0000, NaN, NaN


 36.9173, 26.7517,
12.7202

0.0000, NaN, NaN


 46.5719, 27.9816,
14.4285

0.0000, NaN, NaN

0.0000, NaN, NaN

 56.9465, 29.0905,
16.0789

0.0000, NaN, NaN


 67.9942, 30.0891,
17.6884


0.0000, NaN, NaN


 79.6762, 30.9873,


0.0000, NaN, NaN


19.2688


 91.9599, 31.7938,
20.8288


 12.9522, 22.2995,
7.4513


 12.9522, 22.2995,
7.4513


 12.9521, 22.2992,
7.4519

 13.6606, 20.4016,
6.9404

 14.4317, 18.6030,
6.2229

 15.4602, 16.3784,
5.4539

 16.7341, 13.8710,
4.6967

 18.2239, 11.2319,
3.9897

■ 19.8994, 8.5672,
3.3525

■ 21.7328, 5.9401,
2.7909

■ 23.7004, 3.3819,
2.3026

■ 25.7826, 0.9040,
1.8812

Harmonies

Analogous

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



12.9526, 26.2789, 0.1177



12.9522, 22.2995, 7.4513



12.9526, 11.7143, 9.0668

Triad

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



12.9526, 22.2978, 7.4515



12.9526, -14.0196, 8.1010



12.9526, -1.2898, -36.9003

Complementary

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



12.9522, 22.2995, 7.4513



24.6168, -14.3223, 0.1497

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.



12.9526, -9.6843, -28.5614



12.9522, 22.2995, 7.4513



12.9526, -15.9817, 1.2661

Square

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



12.9526, 22.2978, 7.4515



12.9526, -8.9343, 9.0668



12.9526, -14.4138, -12.0888



12.9526, 10.3248, -30.1479

Rectangle

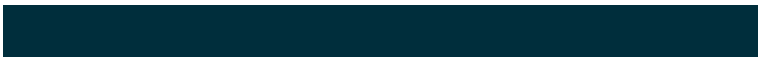
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12.9522, 22.2995, 7.4513



12.9526, 3.6649, 9.0668



12.9526, -14.4138, -12.0888



12.9526, -4.5393, -35.6925

Sweetspot

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



12.9526, 22.2978, 7.4515



28.0681, 8.1037, 3.7113



13.8131, 27.7397, -22.7533



13.7429, 4.4174, 1.9296



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



12.9526, 22.2978, 7.4515



16.8659, 29.0007, 9.9886



16.3524, 12.1027, 10.2876



13.0587, 0.2850, 0.9154



40.9781, 70.3023, 25.5018

Inverse Universe

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



12.9526, 22.2978, 7.4515



16.8659, 29.0007, 9.9886



16.2168, -1.4782, -17.0773



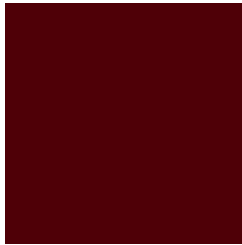
13.0587, 0.2850, 0.9154



40.9781, 70.3023, 25.5018

Previews

White Background



This preview shows how the HunterLab color 12.9522, 22.2995, 7.4513 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

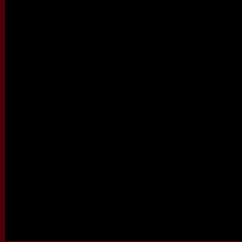
Any Text WCAG AA × Fail

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 12.9522, 22.2995, 7.4513 Background



This preview shows how black text looks on a background with the HunterLab color 12.9522, 22.2995, 7.4513.

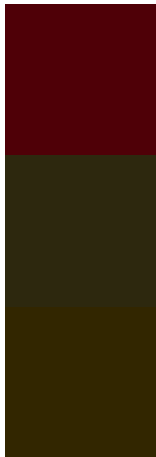


This preview shows how white text looks on a background with the HunterLab color 12.9522, 22.2995,

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

12.9522, 22.2995, 7.4513

Protanopia

14.5161, -1.7906, 7.2165

Deuteranopia

14.3678, -0.1907, 8.8500

Trichromacy



Original Color

12.9522, 22.2995, 7.4513

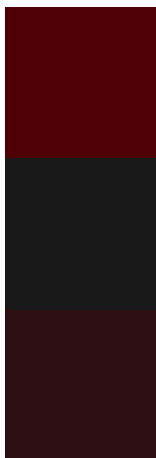
Protanomaly

12.6067, 7.6072, 6.4123

Deuteranomaly

12.8528, 8.9993, 7.6800

Monochromacy



Original Color

12.9522, 22.2995, 7.4513

Achromatopsia

9.5572, -0.5099, 0.5193

Achromatomaly

9.5958, 7.7379, 2.5125

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9522, 22.2995, 7.4513 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(79, 0, 7)` looks like.

```
.text, #text, p{  
    color:rgb(79, 0, 7)  
}
```

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(79, 0, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 0, 7) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9522, 22.2995, 7.4513 is called "border". The border property can be set on classes, ids or directly on the HTML element.

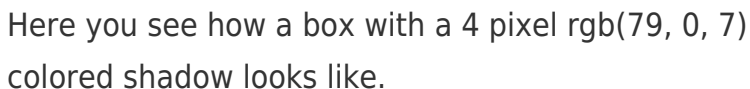
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(79, 0, 7) }
```

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

```
.border{ border-color:rgb(79, 0, 7) }
```

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



Here you see how a box with a 4 pixel `rgb(79, 0, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 0, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(79, 0, 7); box-shadow:4px  
4px 4px 4px rgb(79, 0, 7) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.9522, 22.2995, 7.4513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 0, 7) }
```

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

```
.background{ background-color: rgb(79, 0,  
7) }
```

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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