

Converting Colors

HunterLab(22.4388, 37.4998,
14.4832)

Have a look what the booklet for
HunterLab(22.4388, 37.4998,
14.4832) contains.

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Color

**HunterLab(22.5242, 37.5825,
14.5372)**

Conversions

Conversions Part 1

Format	Color
Hex	850400
RGB	133, 4, 0
RGB Percent	52%, 2%, 0%
CMY	0.4784, 0.9842, 1.0000
CMYK	0.00, 0.97, 1.00, 0.48
HSL	2°, 100%, 26%
HSV	2°, 100%, 52%
XYZ	9.7163, 5.0734, 0.4672
YIQ	42.1150, 78.1680, 26.1040

Conversions

Conversions Part 2

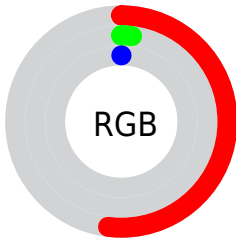
Format	Color
R_YB	133, 4, 0
Decimal	8717312
CIE Lab	26.94, 48.69, 39.77
CIE LCh	27, 62.867, 39.245
Yxy	5.0737, 0.6368, 0.3325
Android (android.graphics.Color)	4286907392 (0xFF850400)
YUV	42.1150, -20.7627, 79.7061
Hunter-Lab	22.5242, 37.5825, 14.5372

Details

The HunterLab color **22.5242, 37.5825, 14.5372** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **41.7008, -21.2608, -6.2263**, and the grayscale version is **15.3043, -0.8166, 0.8315**.

A 20% lighter version of the original color is **39.9134, 41.4611, 21.3254**, and **11.9015, 20.3818, 7.6905** is the 20% darker color. If you saturate the color by 10%, you get **22.5249, 37.5797, 14.5376**, and if you desaturate by 10%, it is **23.2694, 35.5788, 13.9650**.

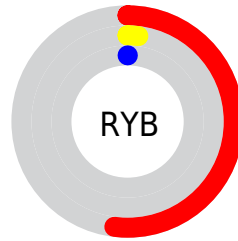
Distribution



Red (52%)

Green (2%)

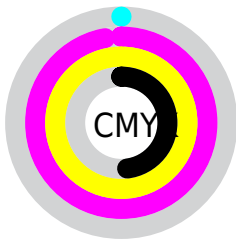
Blue (0%)



Red (52%)

Yellow (2%)

Blue (0%)

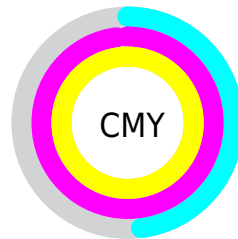


Cyan (0%)

Magenta (97%)

Yellow (100%)

Black (48%)



Cyan (48%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 22.5242, 37.5825, 14.5372 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 22.5242, 37.5825, 14.5372 by changing the saturation by 10% instead.

■ 22.5242, 37.5825,
14.5372

■ 22.5242, 37.5825,
14.5372

■ 122.6917, 51.1405,
41.1680

■ 15.1347, 35.6947,
10.5943

■ 39.9707, 41.3169,
21.4185

■ 8.7677, 34.4179,
6.1374

■ 49.8649, 43.0383,
24.6146

0.0000, INF, NaN

0.0000, NaN, NaN

■ 60.4629, 44.6460,
27.6401

0.0000, NaN, NaN

■ 71.7205, 46.1428,
30.5295

0.0000, NaN, NaN

■ 83.6013, 47.5342,
33.3089


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 96.0741, 48.8268,


35.9986


0.0000, NaN, NaN


 109.1121, 50.0269,
38.6142


 22.5242, 37.5825,
14.5372


 22.5242, 37.5825,
14.5372


 22.5249, 37.5797,
14.5376

 23.2694, 35.5788,
13.9650

 24.4601, 32.5470,
13.1869

 26.1648, 28.6248,
12.0947

 28.3481, 24.1594,
10.7957

 30.9546, 19.4623,
9.3935

■ 33.9239, 14.7515,
7.9651

■ 37.2001, 10.1526,
6.5576

■ 40.7350, 5.7234,
5.1948

■ 44.4892, 1.4798,
3.8858

Harmonies

Analogous

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



22.5249, 51.5518, 6.4018



22.5242, 37.5825, 14.5372



22.5249, 14.3231, 15.7674

Triad

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



22.5249, 37.5796, 14.5376



22.5249, -27.2743, 10.7989



22.5249, 5.3997, -74.5309

Complementary

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



22.5242, 37.5825, 14.5372



41.7008, -21.2608, -6.2263

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.



22.5249, -13.4077, -68.1894



22.5242, 37.5825, 14.5372



22.5249, -28.1914, -5.5730

Square

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



22.5249, 37.5796, 14.5376



22.5249, -20.9227, 15.7674



22.5249, -24.1222, -37.0478



22.5249, 29.1020, -50.4578

Rectangle

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



22.5242, 37.5825, 14.5372



22.5249, -0.6874, 15.7674



22.5249, -24.1222, -37.0478



22.5249, -1.7142, -76.1550

Sweetspot

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



22.5249, 37.5796, 14.5376



49.4707, 13.9998, 8.9023



25.7281, 50.4061, -32.5700



22.7214, 7.6801, 4.5428



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



22.5249, 37.5796, 14.5376



30.0725, 50.5287, 19.4152



30.3447, 16.2124, 18.9820



21.7016, 0.5409, 1.8270



21.9887, 36.6599, 14.1911



1.3464, 1.9866, 0.8644

Inverse Universe

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



41.7008, -21.2608, -6.2263



55.7659, -28.4050, -8.3843



23.2214, 6.1224, -42.2410



22.9247, -2.8223, 0.6260



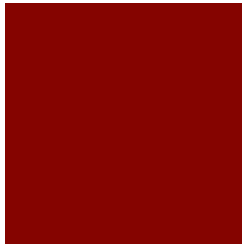
40.7015, -20.7533, -6.0731



2.4346, -1.2682, -0.3053

Previews

White Background



This preview shows how the HunterLab color 22.5242, 37.5825, 14.5372 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

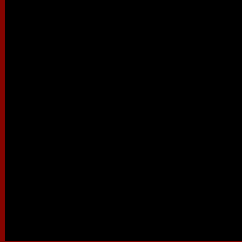
Any Text WCAG AA × Fail

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 22.5242, 37.5825, 14.5372 Background



This preview shows how black text looks on a background with the HunterLab color 22.5242, 37.5825, 14.5372.



This preview shows how white text looks on a background with the HunterLab color 22.5242, 37.5825,

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

22.5242, 37.5825, 14.5372

Protanopia

23.5598, -3.2717, 13.1256

Deuteranopia

23.6603, 0.6895, 14.5914



Tritanopia

22.7343, 35.9607, 14.6383

Trichromacy



Original Color

22.5242, 37.5825, 14.5372

Protanomaly

20.7661, 13.3852, 12.1264

Deuteranomaly

21.1677, 16.1452, 13.3261

Tritanomaly

22.5852, 36.4546, 14.5551

Monochromacy



Original Color

22.5242, 37.5825, 14.5372

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.5097, 13.3090, 5.8261

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 22.5242, 37.5825, 14.5372 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(133, 4, 0)` looks like.

```
.text, #text, p{  
    color:rgb(133, 4, 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(133, 4, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 4, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 22.5242, 37.5825, 14.5372 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(133, 4, 0) }
```


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

```
.border{ border-color:rgb(133, 4, 0) }
```

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

Here you see how a box with a 4 pixel rgb(133, 4, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 4, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(133, 4, 0); box-shadow:4px  
4px 4px 4px rgb(133, 4, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 22.5242, 37.5825, 14.5372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 4, 0) }
```

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

```
.background{ background-color: rgb(133, 4,  
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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