Converting Colors

HunterLab(24.8438, -20.8033, 14.9127)

Have a look what the booklet for HunterLab(24.8438, -20.8033, 14.9127) contains.

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Color

HunterLab(24.9633, -20.9410, 15.0157)

Conversions

Conversions Part 1

Format	Color
Hex	075300
RGB	7, 83, 0
RGB Percent	3%, 33%, 0%
CMY	0.9725, 0.6745, 1.0000
CMYK	0.92, 0.00, 1.00, 0.67
HSL	115°, 100%, 16%
HSV	115°, 100%, 33%
XYZ	3.1809, 6.2317, 1.0352
YIQ	50.8140, -18.6530, -41.9250

Conversions

Conversions Part 2

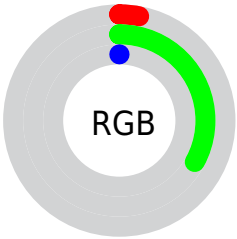
Format	Color
RYB	0, 83, 76
Decimal	480000
CIELab	29.99, -37.10, 36.92
CIELCh	30, 52.344, 135.139
Yxy	6.2319, 0.3045, 0.5965
Android (android.graphics.Color)	4278670080 (0xFF075300)
YUV	50.8140, -25.0513, -38.4249
Hunter-Lab	24.9633, -20.9410, 15.0157

Details

The HunterLab color 24.9633, -20.9410, 15.0157 is a dark color, and the websafe version is hex 006600. A complement of this color would be 14.7013, 29.4236, -23.4314, and the grayscale version is 18.2186, -0.9721, 0.9899.

A 20% lighter version of the original color is 42.7647, -26.9975, 21.3745, and 11.7738, -10.0960, 7.0782 is the 20% darker color. If you saturate the color by 10%, you get 24.9638, -20.9416, 15.0159, and if you desaturate by 10%, it is 25.1061, -20.2642, 14.5525.

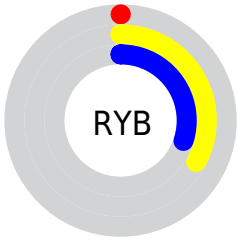
Distribution



Red (3%)

Green (33%)

Blue (0%)



Red (0%)

Yellow (33%)

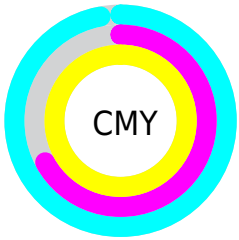
Blue (30%)

Cyan (92%)

Magenta (0%)

Yellow (100%)

Black (67%)



Cyan (97%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.9633, -20.9410, 15.0157 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 24.9633, -20.9410, 15.0157 by changing the saturation by 10% instead.

24.9633, -20.9410, 15.0157

126.9330, -45.1397, 39.8455

42.9074, -27.2243, 21.4981

53.0212, -30.0691, 24.4354

63.8244, -32.7808, 27.2279

75.2755, -35.3889, 29.9054

87.3397, -37.9148, 32.4905

99.9873, -40.3742,

24.9633, -20.9410, 15.0157

17.2818, -17.3302, 12.0973

10.6054, -16.1113, 7.4238

0.0000, NaN, NaN

0.0000, NaN, NaN

0.0000, NaN, NaN

0.0000, NaN, NaN

0.0000, NaN, NaN

0.0000, NaN, NaN

35.0005

0.0000, NaN, NaN

113.1926, -42.7794, 37.4486

24.9633, -20.9410, 15.0157

24.9638, -20.9416, 15.0159

24.9633, -20.9410, 15.0157

25.1061, -20.2642, 14.5525

25.2959, -19.3812, 14.0428

25.5530, -18.1908, 13.3059

25.8814, -16.6831, 12.3255

26.2837, -14.8602, 11.0989

26.7610, -12.7322, 9.6305

27.3135, -10.3159, 7.9304

27.9406, -7.6330, 6.0129

28.6407, -4.7083, 3.8954

Harmonies

Analogous

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

24.9638, -9.5053, 17.2788

24.9633, -20.9410, 15.0157

24.9638, -26.1894, 8.2366

Triad

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

24.9638, -20.9414, 15.0158

24.9638, -9.3684, -53.3582

24.9638, 40.0089, 8.3397

Complementary

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

24.9633, -20.9410, 15.0157

14.7013, 29.4236, -23.4314

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.

24.9638, 40.0754, -8.2905

24.9633, -20.9410, 15.0157

24.9638, 8.0471, -53.2504

Square

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

24.9638, -20.9414, 15.0158

24.9638, -20.8650, -33.5003

24.9638, 27.1768, -33.2641

24.9638, 27.0143, 15.0470

Rectangle

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

24.9633, -20.9410, 15.0157

24.9638, -26.7313, -1.6725

24.9638, 27.1768, -33.2641

24.9638, 41.6406, 4.0521

Sweetspot

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

24.9638, -20.9414, 15.0158

35.5668, -13.7977, 10.5870

26.1359, -4.3273, 16.0289

17.5697, -7.2279, 5.5231

67.9972, -3.6282, 3.6944

19.0543, -1.0167, 1.0353

Same Dimension

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

24.9638, -20.9414, 15.0158

32.5492, -27.4509, 19.5761

25.0952, -19.9407, 11.6799

14.4858, -2.1739, 1.8183

31.7311, -26.7487, 19.0842

76.0826, -64.7538, 45.7481

Inverse Universe

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

14.7013, 29.4236, -23.4314

19.1423, 38.3381, -30.7026

14.3796, 26.2139, -3.0306

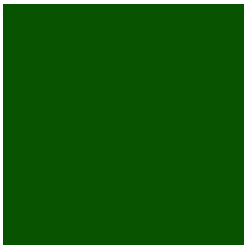
13.8737, 0.7141, -0.3258

18.6633, 37.3767, -29.9182

44.6078, 89.4592, -72.4679

Previews

White Background



This preview shows how the HunterLab color 24.9633, -20.9410, 15.0157 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

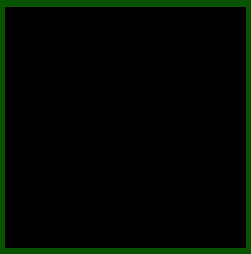
Black Background

Color Contrast Check

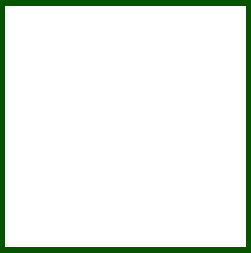
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

HunterLab 24.9633, -20.9410, 15.0157 Background



This preview shows how black text looks on a background with the HunterLab color 24.9633, -20.9410, 15.0157.



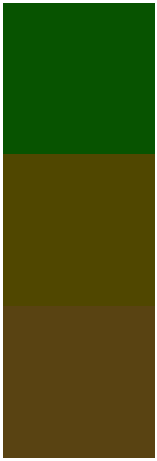
This preview shows how white text looks on a background with the HunterLab color 24.9633,

-20.9410, 15.0157.

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
24.9633, -20.9410, 15.0157

Protanopia
24.9238, -3.7861, 15.2916

Deuteranopia
24.8633, 1.2603, 13.9781

Tritanopia
25.0791, -8.9534, -4.0502

Trichromacy

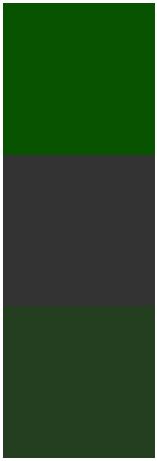
Original Color
24.9633, -20.9410, 15.0157

Protanomaly
24.0604, -12.5471, 14.6063

Deuteranomaly
23.9145, -10.1537, 13.7733

Tritanomaly
24.6083, -15.2142, 6.7821

Monochromacy



Original Color
24.9633, -20.9410, 15.0157

Achromatopsia
18.1947, -0.9708, 0.9886

Achromatomaly
20.0415, -10.7458, 8.1188

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.9633, -20.9410, 15.0157 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(7, 83, 0) looks like.

```
.text, #text, p{
    color:rgb(7, 83, 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(7, 83, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 83, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 24.9633, -20.9410, 15.0157 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(7, 83, 0) }
```

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

```
.border{ border-color:rgb(7, 83, 0) }
```

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

Here you see how a box with a 4 pixel rgb(7, 83, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(7, 83, 0); -webkit-box-shadow:4px 4px 4px 4px rgb(7, 83, 0); box-shadow:4px 4px 4px 4px rgb(7, 83, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 24.9633, -20.9410, 15.0157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(7, 83, 0) }
```

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

```
.background{ background-color:rgb(7, 83,
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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