

Converting Colors

HunterLab(36.7829, -37.8480,
23.0563)

Have a look what the booklet for
HunterLab(36.7829, -37.8480,
23.0563) contains.

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Color

**HunterLab(37.9675,
-32.5571, 22.8254)**

Conversions

Conversions Part 1

Format	Color
Hex	007C00
RGB	0, 124, 0
RGB Percent	0%, 49%, 0%
CMY	1.0000, 0.5137, 1.0000
CMYK	1.00, 0.00, 1.00, 0.51
HSL	120°, 100%, 24%
HSV	120°, 100%, 49%
XYZ	7.2077, 14.4153, 2.4026
YIQ	72.7880, -34.1000, -64.8520

Conversions

Conversions Part 2

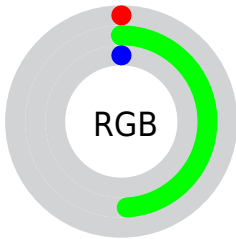
Format	Color
RYB	0, 124, 124
Decimal	31744
CIELab	44.82, -50.53, 48.77
CIELCh	45, 70.228, 136.017
Yxy	14.4159, 0.3000, 0.6000
Android (android.graphics.Color)	4278221824 (0xFF007C00)
YUV	72.7880, -35.8845, -63.8351
Hunter-Lab	37.9675, -32.5571, 22.8254

Details

The HunterLab color **37.9675, -32.5571, 22.8254** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **23.9590, 47.1035, -31.5955**, and the grayscale version is **25.8698, -1.3803, 1.4056**.

A 20% lighter version of the original color is **58.2281, -40.2028, 30.3877**, and **21.8291, -18.7184, 13.1233** is the 20% darker color. If you saturate the color by 10%, you get **37.9683, -32.5576, 22.8255**, and if you desaturate by 10%, it is **38.1111, -31.8753, 22.3641**.

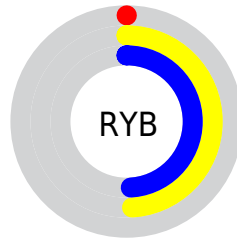
Distribution



Red (0%)

Green (49%)

Blue (0%)



Red (0%)

Yellow (49%)

Blue (49%)

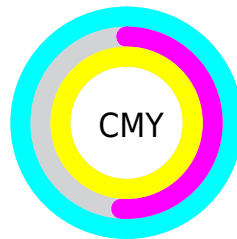


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (100%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.9675, -32.5571, 22.8254 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 37.9675, -32.5571, 22.8254 by changing the saturation by 10% instead.

■ 37.9675, -32.5571,
22.8254

■ 37.9675, -32.5571,
22.8254

148.2576,
-62.1317, 52.4520

■ 29.0009, -28.3473,
18.6896

■ 58.1594, -40.1166,
30.3994

■ 20.8776, -23.7062,
14.6143

■ 69.2805, -43.5939,
33.8956

■ 13.6974, -19.7193,
9.5882

■ 81.0319, -46.9241,
37.2420

■ 7.3075, -12.7882,
5.1153

■ 93.3816, -50.1347,
40.4637

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.3018,
-53.2462, 43.5809


0.0000, NaN, NaN


■ 119.7684,


0.0000, NaN, NaN


-56.2748, 46.6096


0.0000, NaN, NaN


 133.7600,
-59.2332, 49.5631


 37.9675, -32.5571,
22.8254


 37.9675, -32.5571,
22.8254


 37.9683, -32.5576,
22.8255

 38.1111, -31.8753,
22.3641

 38.3267, -30.8502,
21.6707

 38.6624, -29.2683,
20.6009

 39.1290, -27.0953,
19.1316

 39.7340, -24.3220,
17.2565

■ 40.4816, -20.9603,
14.9839

■ 41.3733, -17.0401,
12.3341

■ 42.4084, -12.6041,
9.3363

■ 43.5840, -7.7038,
6.0253

Harmonies

Analogous

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



37.9683, -15.2814, 25.5100



37.9675, -32.5571, 22.8254



37.9683, -40.3341, 12.1441

Triad

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



37.9683, -32.5576, 22.8255



37.9683, -13.7443, -83.4948



37.9683, 61.6385, 13.2980

Complementary

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



37.9675, -32.5571, 22.8254



23.9590, 47.1035, -31.5955

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.



37.9683, 62.3919, -11.8616



37.9675, -32.5571, 22.8254



37.9683, 13.3369, -82.2682

Square

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



37.9683, -32.5576, 22.8255



37.9683, -31.7039, -53.1819



37.9683, 42.8603, -50.4988



37.9683, 41.0224, 23.1682

Rectangle

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



37.9675, -32.5571, 22.8254



37.9683, -41.0121, -3.4658



37.9683, 42.8603, -50.4988



37.9683, 64.3845, 6.8746

Sweetspot

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



37.9683, -32.5576, 22.8255



54.7926, -22.9981, 16.6278



43.2448, -11.6152, 26.4439



26.3826, -12.0707, 8.6843



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



37.9683, -32.5576, 22.8255



50.3663, -43.1889, 30.2790



38.4236, -29.7166, 16.1235



21.0950, -3.4848, 2.7504



38.2813, -32.8261, 23.0137



83.6085, -71.6941, 50.2637

Inverse Universe

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



23.9590, 47.1035, -31.5955



31.7825, 62.4846, -41.9125



21.5246, 38.4773, 1.3829



20.1929, 1.3871, -0.5788



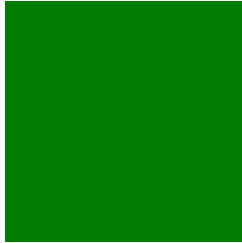
24.1566, 47.4920, -31.8561



52.7592, 103.7249, -69.5747

Previews

White Background



This preview shows how the HunterLab color 37.9675, -32.5571, 22.8254 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 × Fail

Black Background



This preview shows how the HunterLab color 37.9675, -32.5571, 22.8254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 37.9675, -32.5571, 22.8254 Background



This preview shows how black text looks on a background with the HunterLab color 37.9675, -32.5571, 22.8254.



This preview shows how white text looks on a background with the HunterLab color 37.9675, -32.5571, 22.8254.

-32.5571, 22.8254.

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

37.9675, -32.5571, 22.8254

Protanopia

37.7227, -5.6272, 23.1460

Deuteranopia

37.6564, 2.4928, 21.6147



Tritanopia

38.0423, -13.7942, -7.0386

Trichromacy



Original Color

37.9675, -32.5571, 22.8254



Protanomaly

36.5332, -20.5183, 22.1524



Deuteranomaly

35.9292, -16.5925, 20.9738



Tritanomaly

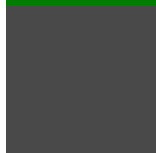
37.2282, -24.1369, 10.4303

Monochromacy



Original Color

37.9675, -32.5571, 22.8254



Achromatopsia

25.8120, -1.3773, 1.4024



Achromatomaly

29.0386, -17.3348, 12.3125

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9675, -32.5571, 22.8254 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(0, 124, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 124, 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(0, 124, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 124, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9675, -32.5571, 22.8254 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(0, 124, 0) }
```


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

```
.border{ border-color:rgb(0, 124, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 124, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 124, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 124, 0); box-shadow:4px  
4px 4px 4px rgb(0, 124, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.9675, -32.5571, 22.8254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 124, 0) }
```

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

```
.background{ background-color: rgb(0, 124,  
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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