

Converting Colors

HunterLab(37.4940, -31.8834,
22.3612)

Have a look what the booklet for
HunterLab(37.4940, -31.8834,
22.3612) contains.

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Color

**HunterLab(37.3546,
-31.7702, 22.2792)**

Conversions

Conversions Part 1

Format	Color
Hex	047A04
RGB	4, 122, 4
RGB Percent	2%, 48%, 2%
CMY	0.9843, 0.5216, 0.9843
CMYK	0.97, 0.00, 0.97, 0.52
HSL	120°, 94%, 25%
HSV	120°, 97%, 48%
XYZ	7.0315, 13.9537, 2.4376
YIQ	73.2660, -32.4500, -61.7140

Conversions

Conversions Part 2

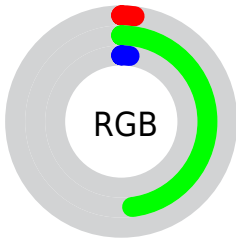
Format	Color
R_{YB}	4, 122, 122
Decimal	293380
CIE Lab	44.17, -49.44, 47.37
CIE LCh	44, 68.469, 136.228
Yxy	13.9542, 0.3002, 0.5957
Android (android.graphics.Color)	4278483460 (0xFF047A04)
YUV	73.2660, -34.1481, -60.7463
Hunter-Lab	37.3546, -31.7702, 22.2792

Details

The HunterLab color $[37.3546, -31.7702, 22.2792]$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $[23.7267, 45.6136, -30.5865]$, and the grayscale version is $[26.0336, -1.3891, 1.4145]$.

A 20% lighter version of the original color is $[57.5935, -39.2858, 29.8077]$, and $[21.5284, -18.4606, 12.9425]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.3091, -31.9923, 22.4292]$, and if you desaturate by 10%, it is $[37.5095, -31.0355, 21.7821]$.

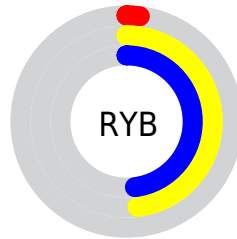
Distribution



Red (2%)

Green (48%)

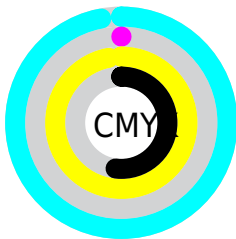
Blue (2%)



Red (2%)

Yellow (48%)

Blue (48%)

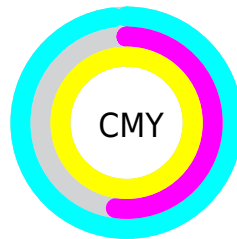


Cyan (97%)

Magenta (0%)

Yellow (97%)

Black (52%)



Cyan (98%)

Magenta (52%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.3546, -31.7702, 22.2792 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 37.3546, -31.7702, 22.2792 by changing the saturation by 10% instead.

■ 37.3546, -31.7702,
22.2792

■ 37.3546, -31.7702,
22.2792

147.2909,
-60.8672, 51.2392

■ 28.4409, -27.6259,
18.2263

■ 57.4524, -39.2070,
29.6835

■ 20.3761, -23.0518,
14.2633

■ 68.5309, -42.6271,
33.0994

■ 13.2622, -19.3894,
9.2836

■ 80.2420, -45.9027,
36.3689

■ 6.7922, -11.8863,
4.7545

■ 92.5533, -49.0609,
39.5170

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.4368,
-52.1221, 42.5636


0.0000, NaN, NaN


■ 118.8682,


0.0000, NaN, NaN


-55.1023, 45.5246


0.0000, NaN, NaN


 132.8259,
-58.0139, 48.4130


 37.3546, -31.7702,
22.2792


 37.3546, -31.7702,
22.2792


 37.3091, -31.9923,
22.4292

 37.5095, -31.0355,
21.7821

 37.7598, -29.8488,
20.9795

 38.1317, -28.1024,
19.7985

 38.6347, -25.7715,
18.2224

 39.2749, -22.8544,
16.2501

■ 40.0556, -19.3692,
13.8942

■ 40.9774, -15.3497,
11.1775

■ 42.0389, -10.8412,
8.1308

■ 43.2368, -5.8958,
4.7895

Harmonies

Analogous

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



37.3554, -15.0133, 24.9937



37.3546, -31.7702, 22.2792



37.3554, -39.3156, 11.7084

Triad

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



37.3554, -31.7707, 22.2793



37.3554, -13.2098, -80.4272



37.3554, 59.4510, 13.0674

Complementary

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



37.3546, -31.7702, 22.2792



23.7267, 45.6136, -30.5865

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.



37.3554, 60.3277, -11.2141



37.3546, -31.7702, 22.2792



37.3554, 13.0928, -79.0075

Square

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



37.3554, -31.7707, 22.2793



37.3554, -30.7646, -51.4909



37.3554, 41.6004, -48.3789



37.3554, 39.4588, 22.6910

Rectangle

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



37.3546, -31.7702, 22.2792



37.3554, -39.9446, -3.5263



37.3554, 41.6004, -48.3789



37.3554, 62.1470, 6.8512

Sweetspot

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



37.3554, -31.7707, 22.2793



53.9672, -22.0175, 15.9461



42.5043, -11.3549, 25.8319



25.6035, -11.4100, 8.2210



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



37.3554, -31.7707, 22.2793



49.4852, -42.4334, 29.7493



37.8211, -28.8685, 15.4275



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.



23.7267, 45.6136, -30.5865



31.2265, 61.3914, -41.1788



21.4090, 37.2976, 0.8212



20.1929, 1.3871, -0.5788



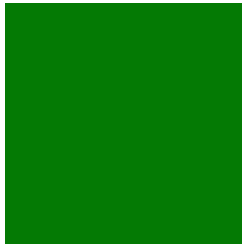
24.1565, 47.4919, -31.8557



52.7592, 103.7247, -69.5739

Previews

White Background



This preview shows how the HunterLab color 37.3546, -31.7702, 22.2792 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 37.3546, -31.7702, 22.2792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

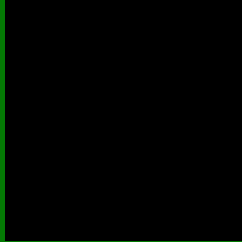
Any Text WCAG AA × Fail

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 37.3546, -31.7702, 22.2792 Background



This preview shows how black text looks on a background with the HunterLab color 37.3546, -31.7702, 22.2792.



This preview shows how white text looks on a background with the HunterLab color 37.3546,

-31.7702, 22.2792.

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

37.3546, -31.7702, 22.2792

Protanopia

37.0839, -5.1070, 22.7615

Deuteranopia

37.1862, 2.2214, 21.2996



Tritanopia

37.3418, -13.5049, -6.9795

Trichromacy



Original Color

37.3546, -31.7702, 22.2792

Protanomaly

35.9845, -19.5664, 21.7836

Deuteranomaly

35.3464, -15.7923, 20.4704

Tritanomaly

36.6197, -23.3683, 9.8680

Monochromacy



Original Color

37.3546, -31.7702, 22.2792

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

28.8513, -16.5019, 11.7426

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.3546, -31.7702, 22.2792 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(4, 122, 4)` looks like.

```
.text, #text, p{  
    color:rgb(4, 122, 4)  
}
```

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(4, 122, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 122, 4) }
```

Border

The CSS property to change the border of an element to HunterLab 37.3546, -31.7702, 22.2792 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(4, 122, 4) }
```


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

```
.border{ border-color:rgb(4, 122, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 122, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 122, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 122, 4); box-shadow:4px  
4px 4px 4px rgb(4, 122, 4) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.3546, -31.7702, 22.2792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 122, 4) }
```

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

```
.background{ background-color: rgb(4, 122,  
4) }
```

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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