

Converting Colors

HunterLab(34.7780, -37.5079,
20.3957)

Have a look what the booklet for
HunterLab(34.7780, -37.5079,
20.3957) contains.

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Color

**HunterLab(36.3472,
-30.9955, 21.4796)**

Conversions

Conversions Part 1

Format	Color
Hex	007708
RGB	0, 119, 8
RGB Percent	0%, 47%, 3%
CMY	1.0000, 0.5333, 0.9686
CMYK	1.00, 0.00, 0.93, 0.53
HSL	124°, 100%, 23%
HSV	124°, 100%, 47%
XYZ	6.6407, 13.2112, 2.4298
YIQ	70.7650, -35.2930, -59.7490

Conversions

Conversions Part 2

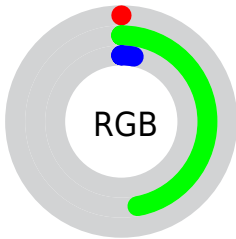
Format	Color
RYB	0, 112, 119
Decimal	30472
CIELab	43.08, -48.72, 45.55
CIELCh	43, 66.699, 136.924
Yxy	13.2117, 0.2980, 0.5929
Android (android.graphics.Color)	4278220552 (0xFF007708)
YUV	70.7650, -30.9431, -62.0609
Hunter-Lab	36.3472, -30.9955, 21.4796

Details

The HunterLab color **36.3472, -30.9955, 21.4796** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **22.5160, 43.6558, -24.9591**, and the grayscale version is **25.1345, -1.3411, 1.3656**.

A 20% lighter version of the original color is **56.1306, -38.2885, 28.6346**, and **20.6307, -17.6908, 12.4028** is the 20% darker color. If you saturate the color by 10%, you get **36.3479, -30.9960, 21.4797**, and if you desaturate by 10%, it is **36.4952, -30.2857, 20.9493**.

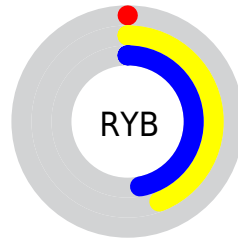
Distribution



Red (0%)

Green (47%)

Blue (3%)



Red (0%)

Yellow (44%)

Blue (47%)

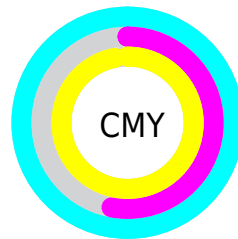


Cyan (100%)

Magenta (0%)

Yellow (93%)

Black (53%)



Cyan (100%)

Magenta (53%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.3472, -30.9955, 21.4796 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 36.3472, -30.9955, 21.4796 by changing the saturation by 10% instead.

■ 36.3472, -30.9955,
21.4796

■ 36.3472, -30.9955,
21.4796

145.6950,
-59.8506, 49.5991

■ 27.5218, -26.8710,
17.5360

■ 56.2882, -38.3816,
28.6722

■ 19.5548, -22.3079,
13.6884

■ 67.2957, -41.7742,
31.9874

■ 12.5521, -19.3066,
8.7865

■ 78.9397, -45.0220,
35.1600

■ 5.8398, -10.2197,
4.0879

■ 91.1872, -48.1524,
38.2150

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.0098,
-51.1860, 41.1722

0.0000, NaN, NaN


■ 117.3828,


0.0000, NaN, NaN


-54.1389, 44.0472


0.0000, NaN, NaN


 131.2843,
-57.0237, 46.8528


 36.3472, -30.9955,
21.4796


 36.3472, -30.9955,
21.4796


 36.3479, -30.9960,
21.4797

 36.4952, -30.2857,
20.9493

 36.7161, -29.2201,
20.1069

 37.0488, -27.6413,
18.9432

 37.5027, -25.5233,
17.4499

 38.0841, -22.8611,
15.6301

■ 38.7964, -19.6680,
13.4971

■ 39.6410, -15.9721,
11.0722

■ 40.6169, -11.8124,
8.3826

■ 41.7217, -7.2356,
5.4589

Harmonies

Analogous

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



36.3480, -14.9988, 24.2500



36.3472, -30.9955, 21.4796



36.3480, -38.1228, 10.9384

Triad

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



36.3480, -30.9960, 21.4797



36.3480, -12.2673, -77.6468



36.3480, 57.0018, 13.0016

Complementary

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



36.3472, -30.9955, 21.4796



22.5160, 43.6558, -24.9591

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.



36.3480, 58.3236, -10.0712



36.3472, -30.9955, 21.4796



36.3480, 13.2671, -75.5128

Square

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



36.3480, -30.9960, 21.4797



36.3480, -29.4681, -50.3627



36.3480, 40.6564, -45.6795



36.3480, 37.4250, 22.1116

Rectangle

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



36.3472, -30.9955, 21.4796



36.3480, -38.6206, -4.0285



36.3480, 40.6564, -45.6795



36.3480, 59.7517, 7.1083

Sweetspot

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



36.3480, -30.9960, 21.4797



52.9533, -21.7728, 15.0767



40.7163, -13.5544, 24.8519



25.5831, -11.4494, 7.8951



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.



36.3480, -30.9960, 21.4797



48.6304, -41.5321, 28.8722



36.8845, -27.6554, 13.5977



20.2530, -3.2761, 2.4987



37.4641, -31.9534, 22.1515



82.6734, -70.7202, 49.3300

Inverse Universe

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



22.5160, 43.6558, -24.9591



30.1165, 58.3719, -33.2248



20.4112, 36.1503, 3.9206



19.3750, 1.2551, -0.3935



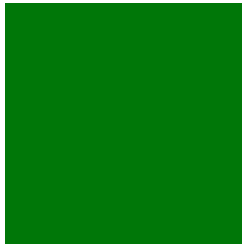
23.2067, 44.9933, -25.7105



51.1797, 99.1512, -56.1092

Previews

White Background



This preview shows how the HunterLab color 36.3472, -30.9955, 21.4796 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 36.3472, -30.9955, 21.4796 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 36.3472, -30.9955, 21.4796 Background



This preview shows how black text looks on a background with the HunterLab color 36.3472, -30.9955, 21.4796.



This preview shows how white text looks on a background with the HunterLab color 36.3472,

-30.9955, 21.4796.

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

36.3472, -30.9955, 21.4796

Protanopia

36.2596, -5.2585, 22.2509

Deuteranopia

36.1027, 2.4933, 20.5871



Tritanopia

36.6102, -13.4094, -6.4530

Trichromacy



Original Color

36.3472, -30.9955, 21.4796

Protanomaly

34.8542, -19.3756, 20.9913

Deuteranomaly

34.2059, -15.6610, 19.6562

Tritanomaly

35.9252, -22.9994, 9.5263

Monochromacy



Original Color

36.3472, -30.9955, 21.4796

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

27.8401, -15.9864, 10.9199

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.3472, -30.9955, 21.4796 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, 119, 8)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 8)  
}
```

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, 119, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 8) }
```

Border

The CSS property to change the border of an element to HunterLab 36.3472, -30.9955, 21.4796 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, 119, 8) }
```


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

```
.border{ border-color:rgb(0, 119, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 119, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 119, 8); box-shadow:4px  
4px 4px 4px rgb(0, 119, 8) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.3472, -30.9955, 21.4796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 119, 8) }
```

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

```
.background{ background-color: rgb(0, 119,  
8) }
```

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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