

Converting Colors

HunterLab(33.0573, -15.7019,
15.0995)

Have a look what the booklet for
HunterLab(33.0573, -15.7019,
15.0995) contains.

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Color

**HunterLab(32.9551,
-15.5003, 15.0045)**

Conversions

Conversions Part 1

Format	Color
Hex	476530
RGB	71, 101, 48
RGB Percent	28%, 40%, 19%
CMY	0.7216, 0.6039, 0.8118
CMYK	0.30, 0.00, 0.52, 0.60
HSL	94°, 36%, 29%
HSV	94°, 52%, 40%
XYZ	7.7857, 10.8604, 4.4822
YIQ	85.9880, -0.8670, -22.8430

Conversions

Conversions Part 2

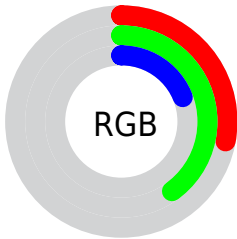
Format	Color
RYB	48, 101, 78
Decimal	4678960
CIELab	39.35, -21.41, 26.36
CIELCh	39, 33.960, 129.074
Yxy	10.8609, 0.3366, 0.4696
Android (android.graphics.Color)	4282869040 (0xFF476530)
YUV	85.9880, -18.7281, -13.1445
Hunter-Lab	32.9551, -15.5003, 15.0045

Details

The HunterLab color $[32.9551, -15.5003, 15.0045]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[21.6184, 16.2364, -20.1627]$, and the grayscale version is $[30.5684, -1.6311, 1.6608]$.

A 20% lighter version of the original color is $[52.2950, -19.2255, 19.6127]$, and $[16.8366, -11.4267, 10.0735]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.5279, -17.4081, 16.4115]$, and if you desaturate by 10%, it is $[33.4372, -13.3627, 13.2477]$.

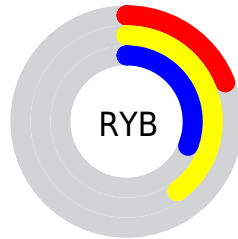
Distribution



Red (28%)

Green (40%)

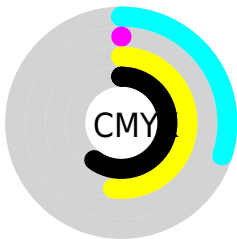
Blue (19%)



Red (19%)

Yellow (40%)

Blue (31%)

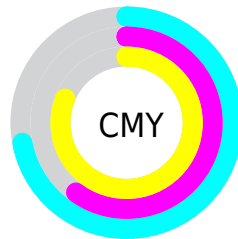


Cyan (30%)

Magenta (0%)

Yellow (52%)

Black (60%)



Cyan (72%)

Magenta (60%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 32.9551, -15.5003, 15.0045 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 32.9551, -15.5003, 15.0045 by changing the saturation by 10% instead.

■ 32.9551, -15.5003,
15.0045

■ 32.9551, -15.5003,
15.0045

140.2535,
-31.0579, 33.3105

■ 24.4404, -13.4914,
12.5147

■ 52.3475, -19.2250,
19.5315

■ 16.8193, -11.3154,
10.0509

■ 63.1075, -20.9944,
21.6442

■ 10.2130, -9.8195,
7.1491

■ 74.5179, -22.7238,
23.6882

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.5435, -24.4238,
25.6794

0.0000, NaN, NaN

■ 99.1544, -26.1021,
27.6292

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.3244,

-27.7643, 29.5466

0.0000, NaN, NaN

126.0309,
-29.4151, 31.4386

■ 32.9551, -15.5003,
15.0045

■ 32.9551, -15.5003,
15.0045

■ 32.5279, -17.4081,
16.4115

■ 33.4372, -13.3627,
13.2477

■ 32.1526, -19.0796,
17.4753

■ 33.9722, -11.0007,
11.1398

■ 31.8286, -20.5154,
18.2112

■ 34.5607, -8.4254,
8.6858

■ 31.5532, -21.7244,
18.6525

■ 35.2022, -5.6491,
5.8948

■ 31.3680, -22.5421,
18.9342

■ 35.8958, -2.6856,
2.7794

■ 36.6404, 0.4509,
-0.6451

■ 37.4348, 3.7453,
-4.3617

■ 38.2773, 7.1830,
-8.3522

■ 39.1665, 10.7497,
-12.5979

Harmonies

Analogous

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



32.9558, -5.4420, 17.2650



32.9551, -15.5003, 15.0045



32.9558, -21.2294, 8.9193

Triad

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



32.9558, -15.5010, 15.0048



32.9558, -9.8625, -27.2568



32.9558, 25.2893, 5.1788

Complementary

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



32.9551, -15.5003, 15.0045



21.6184, 16.2364, -20.1627

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.



32.9558, 23.6401, -7.3941



32.9551, -15.5003, 15.0045



32.9558, 2.0906, -29.4430

Square

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



32.9558, -15.5010, 15.0048



32.9558, -18.3246, -15.9756



32.9558, 14.6816, -21.1614



32.9558, 18.9016, 13.1398

Rectangle

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



32.9551, -15.5003, 15.0045



32.9558, -22.3983, 2.1590



32.9558, 14.6816, -21.1614



32.9558, 25.6746, 1.4245

Sweetspot

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



32.9558, -15.5010, 15.0048



45.7804, -8.8773, 9.2283



28.8259, 2.5932, 12.0559



22.6498, -4.6589, 4.8348



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



32.9558, -15.5010, 15.0048



42.5001, -23.3370, 21.8609



31.8939, -19.6441, 13.5613



17.8753, -2.3301, 2.4348



35.8851, -25.9525, 21.6579



81.6478, -60.5370, 49.2512

Inverse Universe

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



21.6184, 16.2364, -20.1627



24.7846, 26.9317, -34.8199



24.0196, 22.2136, -13.5493



16.8312, 0.5267, -0.6522



15.3441, 34.3065, -52.3266



34.2860, 77.4572, -123.1245

Previews

White Background



This preview shows how the HunterLab color 32.9551, -15.5003, 15.0045 looks on a white background.

Color Contrast Check

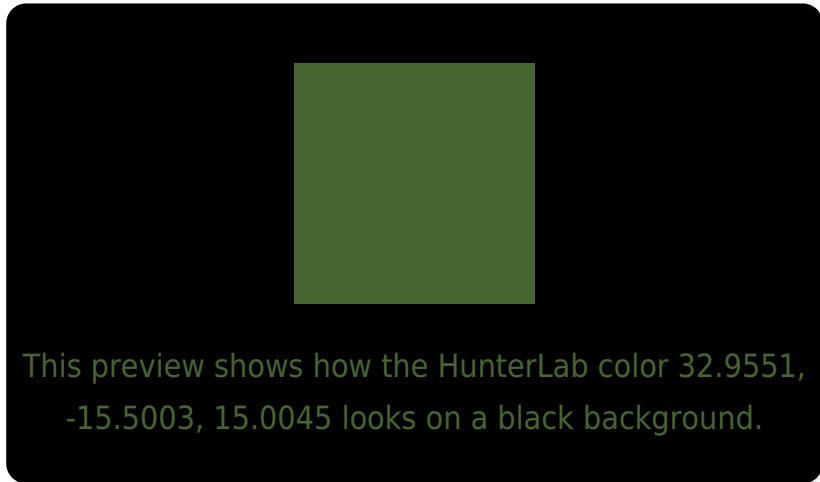
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

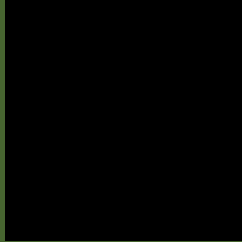
Any Text WCAG AA × Fail

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 32.9551, -15.5003, 15.0045 Background



This preview shows how black text looks on a background with the HunterLab color 32.9551, -15.5003, 15.0045.



This preview shows how white text looks on a background with the HunterLab color 32.9551,

-15.5003, 15.0045.

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

32.9551, -15.5003, 15.0045

Protanopia

32.9286, -4.1352, 15.7480

Deuteranopia

32.7554, 2.0627, 14.5507



Tritanopia

32.9028, -4.6050, -2.9289

Trichromacy



Original Color

32.9551, -15.5003, 15.0045

Protanomaly

32.8438, -8.6155, 15.4213

Deuteranomaly

32.6430, -5.0289, 14.5455

Tritanomaly

32.7268, -9.1844, 5.1793

Monochromacy



Original Color

32.9551, -15.5003, 15.0045

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

31.1438, -6.9068, 7.3981

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 32.9551, -15.5003, 15.0045 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(71, 101, 48)` looks like.

```
.text, #text, p{  
    color:rgb(71, 101, 48)  
}
```

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(71, 101, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 101, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 32.9551, -15.5003, 15.0045 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(71, 101, 48) }
```


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

```
.border{ border-color:rgb(71, 101, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 101, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 101, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 101, 48);  
box-shadow:4px 4px 4px 4px rgb(71, 101,  
48) }
```

Background

The CSS property to change the background color of an element to HunterLab 32.9551, -15.5003, 15.0045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 101, 48) }
```

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

```
.background{ background-color: rgb(71, 101,  
48) }
```

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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