

Converting Colors

HunterLab(50.6104, -15.9997,
31.4823)

Have a look what the booklet for
HunterLab(50.6104, -15.9997,
31.4823) contains.

HunterLab(50.7344, -15.6995, 30.9874)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(50.7344,
-15.6995, 30.9874)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9100
RGB	139, 145, 0
RGB Percent	55%, 57%, 0%
CMY	0.4549, 0.4314, 0.9999
CMYK	0.04, 0.00, 1.00, 0.43
HSL	62°, 100%, 28%
HSV	62°, 100%, 57%
XYZ	20.7729, 25.7398, 3.8735
YIQ	126.6760, 42.9690, -46.3670

Conversions

Conversions Part 2

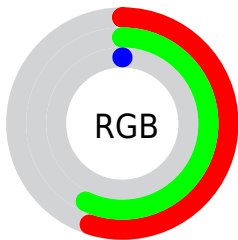
Format	Color
RYB	0, 145, 6
Decimal	9146624
CIELab	57.79, -16.88, 61.44
CIELCh	58, 63.721, 105.363
Yxy	25.7410, 0.4123, 0.5109
Android (android.graphics.Color)	4287336704 (0xFF8B9100)
YUV	126.6760, -62.4513, 10.8081
Hunter-Lab	50.7344, -15.6995, 30.9874

Details

The HunterLab color $50.7344, -15.6995, 30.9874$ is a dark color, and the websafe version is hex 999900 . A complement of this color would be $14.4346, 38.8778, -100.4634$, and the grayscale version is $46.1680, -2.4634, 2.5084$.

A 20% lighter version of the original color is $72.8181, -18.8536, 39.8223$, and $31.8052, -11.6671, 19.3940$ is the 20% darker color. If you saturate the color by 10%, you get $50.7355, -15.7015, 30.9881$, and if you desaturate by 10%, it is $50.8192, -15.3241, 30.5400$.

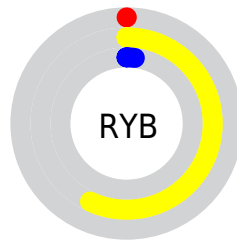
Distribution



Red (55%)

Green (57%)

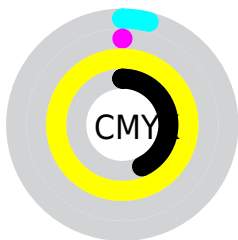
Blue (0%)



Red (0%)

Yellow (57%)

Blue (2%)

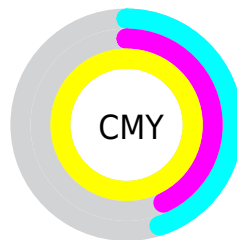


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (45%)

Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.7344, -15.6995, 30.9874 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 50.7344, -15.6995, 30.9874 by changing the saturation by 10% instead.

■ 50.7344, -15.6995,
30.9874

■ 50.7344, -15.6995,
30.9874

167.7821,
-28.8969, 65.5669

■ 40.7799, -14.1552,
26.2829

■ 72.7027, -18.6990,
39.7046

■ 31.5769, -12.5573,
21.6166

■ 84.6347, -20.1698,
43.7751

■ 23.1943, -10.8811,
16.2360

■ 97.1564, -21.6302,
47.6893

■ 15.7218, -9.0811,
11.0053

■ 110.2411,
-23.0846, 51.4689

■ 9.2868, -8.4171,
6.5007

■ 123.8655,
-24.5361, 55.1323

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 138.0091,

-25.9874, 58.6949

0.0000, NaN, NaN

152.6535,
-27.4405, 62.1694

0.0000, NaN, NaN

50.7344, -15.6995,
30.9874

50.7344, -15.6995,
30.9874

50.7355, -15.7015,
30.9881

50.8192, -15.3241,
30.5400

50.9251, -14.8204,
29.7660

51.0642, -14.1292,
28.5067

51.2403, -13.2300,
26.7083

51.4564, -12.1073,
24.3291

■ 51.7152, -10.7492,
21.3372

■ 52.0188, -9.1474,
17.7092

■ 52.3689, -7.2962,
13.4294

■ 52.7668, -5.1929,
8.4891

Harmonies

Analogous

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



50.7356, 11.0366, 31.0307



50.7344, -15.6995, 30.9874



50.7356, -34.5241, 26.5991

Triad

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



50.7356, -15.7012, 30.9877



50.7356, -34.1830, -46.2205



50.7356, 57.6756, -11.3151

Complementary

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



50.7344, -15.6995, 30.9874



14.4346, 38.8778, -100.4634

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.



50.7356, 39.6003, -45.4128



50.7344, -15.6995, 30.9874



50.7356, -15.1326, -71.6574

Square

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



50.7356, -15.7012, 30.9877



50.7356, -43.5795, -12.0830



50.7356, 11.7364, -71.3024



50.7356, 57.4342, 14.1463

Rectangle

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



50.7344, -15.6995, 30.9874



50.7356, -41.6913, 19.2922



50.7356, 11.7364, -71.3024



50.7356, 53.3985, -22.3360

Sweetspot

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



50.7356, -15.7012, 30.9877



69.5833, -12.3867, 24.0320



24.7494, 41.2918, 15.9725



32.7450, -6.2357, 12.2309



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



50.7356, -15.7012, 30.9877



67.8794, -21.0647, 41.4582



46.3351, -32.9801, 27.9736



25.0484, -2.3758, 3.8198



46.9898, -14.5301, 28.7005



4.6194, -1.3284, 2.8232

Inverse Universe

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



14.4346, 38.8778, -100.4634



19.2653, 51.9955, -134.8594



19.0703, 43.3750, -70.7793



22.9456, -0.0993, -1.4408



13.3777, 36.0169, -92.9611



1.3715, 3.5710, -8.5893

Previews

White Background



This preview shows how the HunterLab color 50.7344, -15.6995, 30.9874 looks on a white 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

Black Background



This preview shows how the HunterLab color 50.7344, -15.6995, 30.9874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

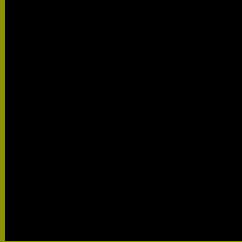
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 50.7344, -15.6995, 30.9874 Background



This preview shows how black text looks on a background with the HunterLab color 50.7344, -15.6995, 30.9874.



This preview shows how white text looks on a background with the HunterLab color 50.7344,

-15.6995, 30.9874.

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

50.7344, -15.6995, 30.9874

Protanopia

50.6294, -7.0282, 31.0745

Deuteranopia

50.6738, 3.2064, 30.3327



Tritanopia

50.7561, 3.2092, 0.0398

Trichromacy



Original Color

50.7344, -15.6995, 30.9874

Protanomaly

50.5310, -10.3522, 30.9557

Deuteranomaly

50.6035, -4.1374, 30.5797

Tritanomaly

50.2570, -6.8229, 18.9036

Monochromacy



Original Color

50.7344, -15.6995, 30.9874

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

47.4021, -10.0114, 19.2968

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.7344, -15.6995, 30.9874 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(139, 145, 0)` looks like.

```
.text, #text, p{  
    color:rgb(139, 145, 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(139, 145, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 145, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 50.7344, -15.6995, 30.9874 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(139, 145, 0) }
```


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

```
.border{ border-color:rgb(139, 145, 0) }
```

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

Here you see how a box with a 4 pixel rgb(139, 145, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 145, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 145, 0);  
box-shadow:4px 4px 4px 4px rgb(139, 145,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.7344, -15.6995, 30.9874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 145, 0) }
```

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

```
.background{ background-color: rgb(139,  
145, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor