

Converting Colors

HunterLab(58.3519, -15.4995,
36.8926)

Have a look what the booklet for
HunterLab(58.3519, -15.4995,
36.8926) contains.

HunterLab(58.4754, -14.9851, 35.7699)	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(58.4754,
-14.9851, 35.7699)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A300
RGB	165, 163, 0
RGB Percent	65%, 64%, 0%
CMY	0.3529, 0.3608, 0.9999
CMYK	0.00, 0.01, 1.00, 0.35
HSL	59°, 100%, 32%
HSV	59°, 100%, 65%
XYZ	28.6142, 34.1937, 5.0919
YIQ	145.0160, 53.5150, -50.2690

Conversions

Conversions Part 2

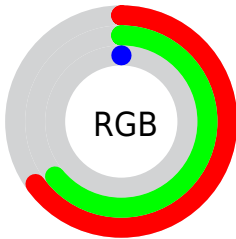
Format	Color
R _Y B	2, 165, 0
Decimal	10855168
CIE Lab	65.12, -14.53, 67.80
CIE LCh	65, 69.338, 102.098
Yxy	34.1953, 0.4214, 0.5036
Android (android.graphics.Color)	4289045248 (0xFFA5A300)
YUV	145.0160, -71.4929, 17.5260
Hunter-Lab	58.4754, -14.9851, 35.7699

Details

The HunterLab color **58.4754, -14.9851, 35.7699** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **16.6143, 44.1277, -116.0220**, and the grayscale version is **53.4826, -2.8537, 2.9058**.

A 20% lighter version of the original color is **81.5464, -17.7574, 45.0978**, and **38.5221, -11.3421, 23.5386** is the 20% darker color. If you saturate the color by 10%, you get **58.4767, -14.9873, 35.7707**, and if you desaturate by 10%, it is **58.5706, -14.8867, 35.3134**.

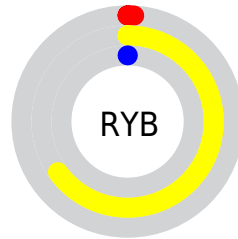
Distribution



Red (65%)

Green (64%)

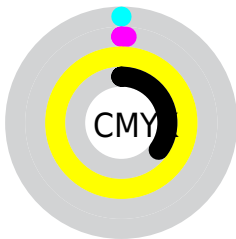
Blue (0%)



Red (1%)

Yellow (65%)

Blue (0%)

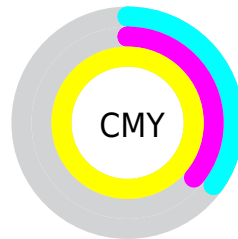


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (35%)



Cyan (35%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.4754, -14.9851, 35.7699 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 58.4754, -14.9851, 35.7699 by changing the saturation by 10% instead.

■ 58.4754, -14.9851,
35.7699

■ 58.4754, -14.9851,
35.7699

179.1653,
-27.1854, 72.5706

■ 48.0039, -13.6068,
30.8335

■ 81.3863, -17.7036,
44.9791

■ 38.2437, -12.1993,
25.6877

■ 93.7531, -19.0515,
49.3021

■ 29.2526, -10.7493,
20.4769

■ 106.6897,
-20.3980, 53.4690

■ 21.1033, -9.2323,
14.7723

■ 120.1719,
-21.7456, 57.5000

■ 13.8936, -7.6040,
9.7256

■ 134.1787,
-23.0967, 61.4121

■ 7.5267, -8.8155,
5.2687

■ 148.6909,

0.0000, NaN, NaN

-24.4529, 65.2199

0.0000, NaN, NaN

163.6916,
-25.8155, 68.9359

0.0000, NaN, NaN

58.4754, -14.9851,
35.7699

58.4754, -14.9851,
35.7699

58.4767, -14.9873,
35.7707

58.5706, -14.8867,
35.3134

58.6917, -14.6319,
34.4547

58.8511, -14.1602,
33.0306

59.0535, -13.4462,
30.9757

59.3026, -12.4704,
28.2395

■ 59.6016, -11.2178,
24.7833

■ 59.9530, -9.6774,
20.5789

■ 60.3589, -7.8417,
15.6070

■ 60.8210, -5.7065,
9.8571

Harmonies

Analogous

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



58.4768, 16.1480, 35.3698



58.4754, -14.9851, 35.7699



58.4768, -37.6656, 31.3979

Triad

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



58.4768, -14.9872, 35.7703



58.4768, -40.7904, -48.3560



58.4768, 64.3088, -16.8395

Complementary

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



58.4754, -14.9851, 35.7699



16.6143, 44.1277, -116.0220

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.



58.4768, 41.9406, -55.6831



58.4754, -14.9851, 35.7699



58.4768, -20.1827, -79.4169

Square

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



58.4768, -14.9872, 35.7703



58.4768, -50.3686, -9.8503



58.4768, 9.7690, -82.6320



58.4768, 66.5037, 13.7707

Rectangle

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



58.4754, -14.9851, 35.7699



58.4768, -46.6780, 23.8333



58.4768, 9.7690, -82.6320



58.4768, 58.7151, -29.6586

Sweetspot

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



58.4768, -14.9872, 35.7703



80.2047, -13.0766, 27.8816



28.2943, 48.4731, 18.1170



37.4102, -6.5164, 14.1320



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



58.4768, -14.9872, 35.7703



78.2423, -20.0352, 47.8618



53.7154, -36.7626, 32.4551



28.6749, -2.6096, 4.4318



50.8674, -13.0437, 31.1159



7.4027, -1.9333, 4.5277

Inverse Universe

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



16.6143, 44.1277, -116.0220



22.1844, 59.2705, -155.6767



21.0045, 48.8996, -86.6818



26.2164, -0.2127, -1.7225



14.4682, 38.3038, -100.7709



2.1879, 5.1702, -13.8956

Previews

White Background



This preview shows how the HunterLab color 58.4754, -14.9851, 35.7699 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 58.4754, -14.9851, 35.7699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

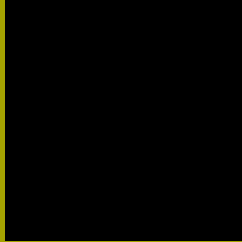
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 58.4754, -14.9851, 35.7699 Background



This preview shows how black text looks on a background with the HunterLab color 58.4754, -14.9851, 35.7699.



This preview shows how white text looks on a background with the HunterLab color 58.4754,

-14.9851, 35.7699.

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

58.4754, -14.9851, 35.7699

Protanopia

58.2398, -8.1731, 35.7440

Deuteranopia

58.3273, 3.8888, 35.1307



Tritanopia

58.3161, 6.8598, 0.8252

Trichromacy



Original Color

58.4754, -14.9851, 35.7699

Protanomaly

58.3317, -10.8764, 35.7533

Deuteranomaly

58.3455, -3.2839, 35.4355

Tritanomaly

57.6306, -4.1142, 21.9658

Monochromacy



Original Color

58.4754, -14.9851, 35.7699

Achromatopsia

53.2117, -2.8392, 2.8911

Achromatomaly

54.6851, -10.4757, 22.5355

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.4754, -14.9851, 35.7699 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(165, 163, 0)` looks like.

```
.text, #text, p{  
    color:rgb(165, 163, 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(165, 163, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 163, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 58.4754, -14.9851, 35.7699 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(165, 163, 0) }
```


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

```
.border{ border-color:rgb(165, 163, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 163, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 163, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 163, 0);  
box-shadow:4px 4px 4px 4px rgb(165, 163,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.4754, -14.9851, 35.7699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 163, 0) }
```

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

```
.background{ background-color: rgb(165,  
163, 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