

Converting Colors

HunterLab(51.4482, -14.3465,
34.0114)

Have a look what the booklet for
HunterLab(51.4482, -14.3465,
34.0114) contains.

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Color

**HunterLab(51.7309,
-13.5420, 31.6392)**

Conversions

Conversions Part 1

Format	Color
Hex	939200
RGB	147, 146, 0
RGB Percent	58%, 57%, 0%
CMY	0.4235, 0.4274, 0.9999
CMYK	0.00, 0.01, 1.00, 0.42
HSL	60°, 100%, 29%
HSV	60°, 100%, 58%
XYZ	22.3115, 26.7609, 3.9895
YIQ	129.6550, 47.4620, -45.1940

Conversions

Conversions Part 2

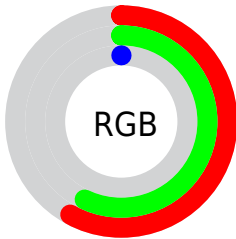
Format	Color
R_{YB}	1, 147, 0
Decimal	9671168
CIE _{Lab}	58.75, -13.77, 62.45
CIE _{LCh}	59, 63.955, 102.436
Yxy	26.7621, 0.4205, 0.5043
Android (android.graphics.Color)	4287861248 (0xFF939200)
YUV	129.6550, -63.9199, 15.2116
Hunter-Lab	51.7309, -13.5420, 31.6392

Details

The HunterLab color **51.7309, -13.5420, 31.6392** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **14.5896, 39.0377, -102.5036**, and the grayscale version is **47.3430, -2.5261, 2.5722**.

A 20% lighter version of the original color is **73.8924, -16.5155, 40.4598**, and **32.6206, -10.0460, 19.9248** is the 20% darker color. If you saturate the color by 10%, you get **51.7321, -13.5440, 31.6399**, and if you desaturate by 10%, it is **51.7943, -13.4022, 31.1756**.

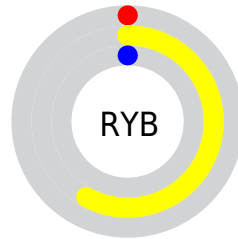
Distribution



Red (58%)

Green (57%)

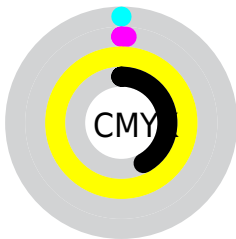
Blue (0%)



Red (0%)

Yellow (58%)

Blue (0%)

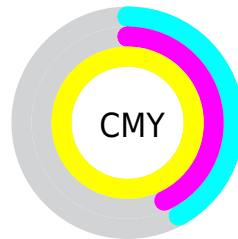


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (43%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.7309, -13.5420, 31.6392 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 51.7309, -13.5420, 31.6392 by changing the saturation by 10% instead.

■ 51.7309, -13.5420,
31.6392

■ 51.7309, -13.5420,
31.6392

169.2641,
-25.4275, 66.6033

■ 41.7069, -12.1944,
26.8920

■ 73.8254, -16.1921,
40.4449

■ 32.4288, -10.8133,
22.1426

■ 85.8155, -17.5046,
44.5599

■ 23.9637, -9.3815,
16.7746

■ 98.3925, -18.8154,
48.5180

■ 16.3987, -7.8661,
11.4791

■ 111.5301,
-20.1275, 52.3409

■ 9.8575, -6.6603,
6.9003

■ 125.2054,
-21.4431, 56.0467

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.3980,

-22.7641, 59.6508

0.0000, NaN, NaN

154.0897,
-24.0919, 63.1660

0.0000, NaN, NaN

51.7309, -13.5420,
31.6392

51.7309, -13.5420,
31.6392

51.7321, -13.5440,
31.6399

51.7943, -13.4022,
31.1756

51.8790, -13.1326,
30.3784

51.9971, -12.6739,
29.0886

52.1526, -12.0047,
27.2509

52.3486, -11.1084,
24.8218

■ 52.5878, -9.9721,
21.7683

■ 52.8726, -8.5863,
18.0657

■ 53.2046, -6.9445,
13.6970

■ 53.5853, -5.0428,
8.6525

Harmonies

Analogous

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



51.7321, 13.9715, 31.3269



51.7309, -13.5420, 31.6392



51.7321, -33.5160, 27.7107

Triad

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



51.7321, -13.5438, 31.6395



51.7321, -35.9600, -43.2174



51.7321, 57.0869, -14.5453

Complementary

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



51.7309, -13.5420, 31.6392



14.5896, 39.0377, -102.5036

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.



51.7321, 37.4363, -48.9536



51.7309, -13.5420, 31.6392



51.7321, -17.6083, -70.5421

Square

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



51.7321, -13.5438, 31.6395



51.7321, -44.5462, -9.0756



51.7321, 8.9799, -73.0595



51.7321, 58.8049, 12.4191

Rectangle

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



51.7309, -13.5420, 31.6392



51.7321, -41.4196, 20.9431



51.7321, 8.9799, -73.0595



51.7321, 52.1981, -25.8761

Sweetspot

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



51.7321, -13.5438, 31.6395



70.7303, -11.6167, 24.5124



24.9172, 42.6902, 15.9329



33.7213, -5.9050, 12.6584



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



51.7321, -13.5438, 31.6395



69.2216, -18.1132, 42.3369



47.3308, -32.2525, 28.5999



25.9576, -2.3639, 3.9838



48.1695, -12.6132, 29.4610



5.3455, -1.4192, 3.2690

Inverse Universe

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



14.5896, 39.0377, -102.5036



19.4954, 52.3666, -137.4120



18.5704, 43.1417, -75.9320



23.7463, -0.1944, -1.5247



13.5887, 36.3277, -95.4059



1.5444, 3.8427, -10.2256

Previews

White Background



This preview shows how the HunterLab color 51.7309, -13.5420, 31.6392 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 51.7309, -13.5420, 31.6392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

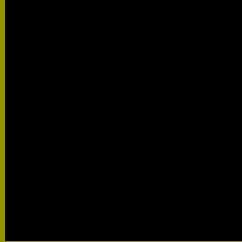
Any Text WCAG AA ✓ Pass

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 51.7309, -13.5420, 31.6392 Background



This preview shows how black text looks on a background with the HunterLab color 51.7309, -13.5420, 31.6392.



This preview shows how white text looks on a background with the HunterLab color 51.7309,

-13.5420, 31.6392.

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

51.7309, -13.5420, 31.6392

Protanopia

51.7876, -7.3192, 31.7832

Deuteranopia

51.5491, 3.3864, 30.9506



Tritanopia

51.8187, 5.4146, 0.9102

Trichromacy



Original Color

51.7309, -13.5420, 31.6392

Protanomaly

51.5883, -9.5209, 31.6218

Deuteranomaly

51.4044, -2.7847, 31.1472

Tritanomaly

51.3018, -4.5650, 19.5636

Monochromacy



Original Color

51.7309, -13.5420, 31.6392

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

48.4428, -9.1681, 19.6737

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.7309, -13.5420, 31.6392 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(147, 146, 0)` looks like.

```
.text, #text, p{  
    color:rgb(147, 146, 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(147, 146, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 146, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.7309, -13.5420, 31.6392 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(147, 146, 0) }
```


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

```
.border{ border-color:rgb(147, 146, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 146, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 146, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 146, 0);  
box-shadow:4px 4px 4px 4px rgb(147, 146,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.7309, -13.5420, 31.6392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 146, 0) }
```

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

```
.background{ background-color: rgb(147,  
146, 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](#).

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