

Converting Colors

HunterLab(61.5207, -50.7605,
37.0201)

Have a look what the booklet for
HunterLab(61.5207, -50.7605,
37.0201) contains.

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Color

**HunterLab(61.4272,
-50.7015, 36.9635)**

Conversions

Conversions Part 1

Format	Color
Hex	29BF00
RGB	41, 191, 0
RGB Percent	16%, 75%, 0%
CMY	0.8392, 0.2510, 0.9999
CMYK	0.79, 0.00, 1.00, 0.25
HSL	107°, 100%, 37%
HSV	107°, 100%, 75%
XYZ	19.5452, 37.7330, 6.2531
YIQ	124.3760, -28.0890, -91.2010

Conversions

Conversions Part 2

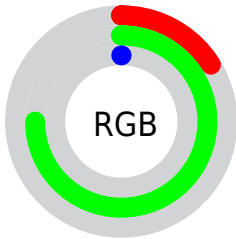
Format	Color
RYB	0, 191, 150
Decimal	2735872
CIELab	67.82, -66.18, 67.36
CIELCh	68, 94.433, 134.496
Yxy	37.7346, 0.3076, 0.5939
Android (android.graphics.Color)	4280925952 (0xFF29BF00)
YUV	124.3760, -61.3174, -73.1208
Hunter-Lab	61.4272, -50.7015, 36.9635

Details

The HunterLab color $61.4272, -50.7015, 36.9635$ is a dark color, and the websafe version is hex $33CC00$. A complement of this color would be $32.0136, 66.5706, -70.3984$, and the grayscale version is $45.2834, -2.4162, 2.4603$.

A 20% lighter version of the original color is $84.7899, -59.4872, 46.0332$, and $41.9623, -35.9826, 25.2270$ is the 20% darker color. If you saturate the color by 10%, you get $61.4282, -50.7039, 36.9641$, and if you desaturate by 10%, it is $61.7668, -49.1924, 36.6026$.

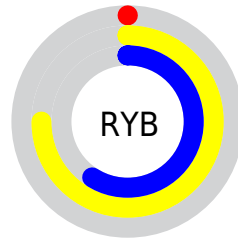
Distribution



Red (16%)

Green (75%)

Blue (0%)



Red (0%)

Yellow (75%)

Blue (59%)

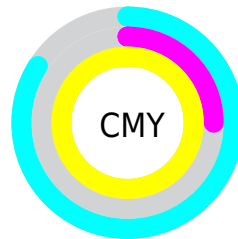


Cyan (79%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (84%)


Magenta (25%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 61.4272, -50.7015, 36.9635 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 61.4272, -50.7015, 36.9635 by changing the saturation by 10% instead.


 61.4272, -50.7015,
36.9635


 61.4272, -50.7015,
36.9635


183.4339,
-85.1995, 73.2294


 50.7708, -46.0550,
32.1193


 84.6765, -59.2999,
46.0102


 40.8126, -41.0958,
27.0313


 97.2001, -63.3315,
50.2635


 31.6070, -35.7339,
22.1249


 110.2867,
-67.2235, 54.3677

 23.2214, -29.8365,
16.2550

 123.9129,
-70.9970, 58.3417

 15.7457, -24.6089,
11.0220

 138.0583,
-74.6688, 62.2020

 9.3071, -16.2875,
6.5150

 152.7044,

0.0000, NaN, NaN

-78.2527, 65.9625

0.0000, NaN, NaN

167.8346,
-81.7597, 69.6349

0.0000, NaN, NaN

■ 61.4272, -50.7015,
36.9635

■ 61.4272, -50.7015,
36.9635

■ 61.4282, -50.7039,
36.9641

■ 61.7668, -49.1924,
36.6026

■ 62.2449, -47.0325,
35.7670

■ 62.8812, -44.1379,
34.2846

■ 63.6852, -40.4849,
32.0961

■ 64.6627, -36.0738,
29.1716

■ 65.8168, -30.9251,
25.5054

■ 67.1483, -25.0753,
21.1117

■ 68.6557, -18.5731,
16.0198

■ 70.3357, -11.4751,
10.2710

Harmonies

Analogous

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



61.4285, -22.4268, 41.0333



61.4272, -50.7015, 36.9635



61.4285, -63.8572, 20.7044

Triad

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



61.4285, -50.7024, 36.9637



61.4285, -23.6334, -128.6231



61.4285, 97.5415, 19.7929

Complementary

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



61.4272, -50.7015, 36.9635



32.0136, 66.5706, -70.3984

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.



61.4285, 96.9581, -21.2752



61.4272, -50.7015, 36.9635



61.4285, 18.5413, -129.5644

Square

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



61.4285, -50.7024, 36.9637



61.4285, -51.3776, -79.8952



61.4285, 65.1223, -81.9612



61.4285, 66.5487, 36.6839

Rectangle

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



61.4272, -50.7015, 36.9635



61.4285, -65.3630, -3.0676



61.4285, 65.1223, -81.9612



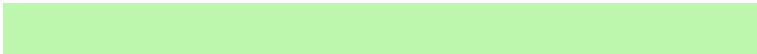
61.4285, 101.2534, 9.1308

Sweetspot

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



61.4285, -50.7024, 36.9637



89.7696, -33.9587, 28.5608



57.2449, 0.6426, 35.2846



41.6988, -17.5225, 14.6056



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



61.4285, -50.7024, 36.9637



82.1551, -68.0742, 49.4318



61.2624, -50.9726, 33.4637



32.7806, -5.1181, 4.5971



49.8263, -40.9787, 29.9853



10.0079, -7.4937, 6.0356

Inverse Universe

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



32.0136, 66.5706, -70.3984



42.7120, 88.9183, -94.6676



35.8892, 66.4817, -15.7528



30.9680, 1.8561, -1.3177



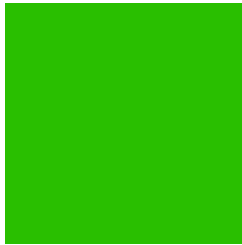
26.0200, 54.0604, -56.8317



5.3986, 11.0388, -10.4155

Previews

White Background



This preview shows how the HunterLab color 61.4272, -50.7015, 36.9635 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 61.4272, -50.7015, 36.9635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

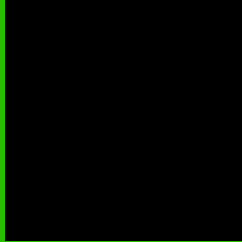
Any Text WCAG AA ✓ Pass

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 61.4272, -50.7015, 36.9635 Background



This preview shows how black text looks on a background with the HunterLab color 61.4272, -50.7015, 36.9635.



This preview shows how white text looks on a background with the HunterLab color 61.4272, -50.7015, 36.9635.

-50.7015, 36.9635.

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

61.4272, -50.7015, 36.9635

Protanopia

60.7167, -8.4061, 37.2662

Deuteranopia

60.6008, 4.6264, 35.3705



Tritanopia

61.4176, -21.8623, -10.6791

Trichromacy



Original Color

61.4272, -50.7015, 36.9635



Protanomaly

59.3790, -29.3348, 36.0755



Deuteranomaly

58.4729, -22.8259, 34.6402



Tritanomaly

60.5076, -37.9050, 18.5791

Monochromacy



Original Color

61.4272, -50.7015, 36.9635



Achromatopsia

44.8950, -2.3955, 2.4392



Achromatomaly

49.1162, -25.5622, 20.8883

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.4272, -50.7015, 36.9635 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(41, 191, 0)` looks like.

```
.text, #text, p{  
    color:rgb(41, 191, 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(41, 191, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 191, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 61.4272, -50.7015, 36.9635 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(41, 191, 0) }
```


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

```
.border{ border-color:rgb(41, 191, 0) }
```

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

Here you see how a box with a 4 pixel rgb(41, 191, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 191, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 191, 0);  
box-shadow:4px 4px 4px 4px rgb(41, 191, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 61.4272, -50.7015, 36.9635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 191, 0) }
```

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

```
.background{ background-color: rgb(41, 191,  
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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