

Converting Colors

HunterLab(49.9509, -30.0349,
29.4262)

Have a look what the booklet for
HunterLab(49.9509, -30.0349,
29.4262) contains.

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Color

**HunterLab(49.9435,
-29.9201, 29.4089)**

Conversions

Conversions Part 1

Format	Color
Hex	5F9815
RGB	95, 152, 21
RGB Percent	37%, 60%, 8%
CMY	0.6275, 0.4039, 0.9176
CMYK	0.38, 0.00, 0.86, 0.40
HSL	86°, 76%, 34%
HSV	86°, 86%, 60%
XYZ	16.0829, 24.9435, 4.6764
YIQ	120.0230, 8.0790, -52.8250

Conversions

Conversions Part 2

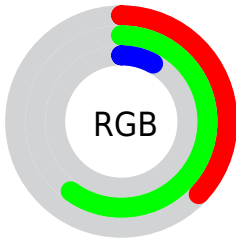
Format	Color
R_{YB}	21, 152, 78
Decimal	6264853
CIE _{Lab}	57.02, -38.19, 55.86
CIE _{LCh}	57, 67.664, 124.362
Yxy	24.9446, 0.3519, 0.5458
Android (android.graphics.Color)	4284454933 (0xFF5F9815)
YUV	120.0230, -48.8183, -21.9452
Hunter-Lab	49.9435, -29.9201, 29.4089

Details

The HunterLab color $49.9435, -29.9201, 29.4089$ is a dark color, and the websafe version is hex 669900 . A complement of this color would be $21.0330, 40.2413, -70.0766$, and the grayscale version is $43.5296, -2.3226, 2.3650$.

A 20% lighter version of the original color is $71.8950, -35.5955, 37.4194$, and $30.8961, -22.9054, 18.6370$ is the 20% darker color. If you saturate the color by 10%, you get $49.5619, -31.5515, 29.7880$, and if you desaturate by 10%, it is $50.3870, -28.0020, 28.5744$.

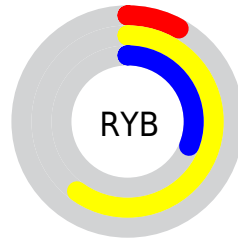
Distribution



Red (37%)

Green (60%)

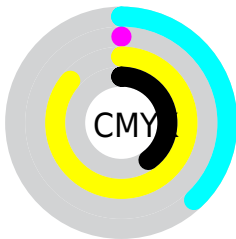
Blue (8%)



Red (8%)

Yellow (60%)

Blue (31%)

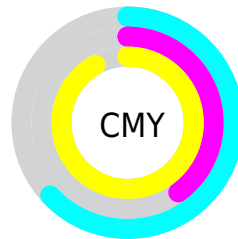


Cyan (38%)

Magenta (0%)

Yellow (86%)

Black (40%)



Cyan (63%)

Magenta (40%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9435, -29.9201, 29.4089 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 49.9435, -29.9201, 29.4089 by changing the saturation by 10% instead.

■ 49.9435, -29.9201,
29.4089

■ 49.9435, -29.9201,
29.4089

166.6019,
-52.5261, 61.2908

■ 40.0447, -26.9541,
25.0648

■ 71.8104, -35.4384,
37.4342

■ 30.9022, -23.7865,
20.5620

■ 83.6959, -38.0468,
41.1797

■ 22.5860, -20.3407,
15.8102

■ 96.1732, -40.5811,
44.7830

■ 15.1882, -16.4857,
10.6317

■ 109.2155,
-43.0549, 48.2653

■ 8.8165, -15.4290,
6.1716

■ 122.7992,
-45.4786, 51.6441

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.9035,

-47.8608, 54.9336

0.0000, NaN, NaN

151.5100,
-50.2081, 58.1459

0.0000, NaN, NaN

■ 49.9435, -29.9201,
29.4089

■ 49.9435, -29.9201,
29.4089

■ 49.5619, -31.5515,
29.7880

■ 50.3870, -28.0020,
28.5744

■ 49.4260, -32.1304,
29.8936

■ 50.8947, -25.7685,
27.2061

■ 51.4707, -23.2114,
25.2634

■ 52.1171, -20.3285,
22.7205

■ 52.8352, -17.1232,
19.5636

■ 53.6256, -13.6032,
15.7895

■ 54.4883, -9.7801,
11.4034

■ 55.4229, -5.6682,
6.4176

■ 56.4286, -1.2838,
0.8502

Harmonies

Analogous

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



49.9446, -6.7563, 31.7380



49.9435, -29.9201, 29.4089



49.9446, -43.0042, 20.3870

Triad

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



49.9446, -29.9212, 29.4091



49.9446, -24.1822, -70.5261



49.9446, 64.3383, 6.5130

Complementary

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



49.9435, -29.9201, 29.4089



21.0330, 40.2413, -70.0766

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.



49.9446, 56.7668, -25.4114



49.9435, -29.9201, 29.4089



49.9446, 1.5571, -81.8574

Square

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



49.9446, -29.9212, 29.4091



49.9446, -40.2477, -36.4240



49.9446, 32.0713, -62.0503



49.9446, 50.9241, 24.0598

Rectangle

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



49.9435, -29.9201, 29.4089



49.9446, -46.2470, 7.5611



49.9446, 32.0713, -62.0503



49.9446, 64.1819, -2.6633

Sweetspot

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



49.9446, -29.9212, 29.4091



71.2079, -18.2314, 21.1534



34.8517, 19.8977, 20.6162



33.7849, -9.4176, 10.8807



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



49.9446, -29.9212, 29.4091



65.5831, -43.0177, 39.6589



47.7324, -39.0602, 27.8470



26.6252, -3.3577, 3.8643



45.2780, -29.3372, 27.3865



5.7269, -2.8252, 3.4794

Inverse Universe

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



21.0330, 40.2413, -70.0766



24.3999, 58.1847, -111.3562



29.4406, 53.4340, -40.7502



24.8016, 0.6918, -1.2694



17.0115, 40.3062, -75.6227



2.5342, 5.4612, -7.0549

Previews

White Background



This preview shows how the HunterLab color 49.9435, -29.9201, 29.4089 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 49.9435, -29.9201, 29.4089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

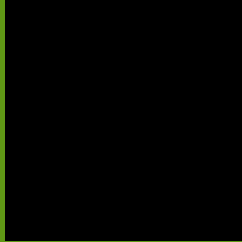
Any Text WCAG AA ✓ Pass

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 49.9435, -29.9201, 29.4089 Background



This preview shows how black text looks on a background with the HunterLab color 49.9435, -29.9201, 29.4089.



This preview shows how white text looks on a background with the HunterLab color 49.9435,

-29.9201, 29.4089.

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

49.9435, -29.9201, 29.4089

Protanopia

49.7983, -6.9786, 29.9797

Deuteranopia

49.4831, 3.4543, 28.5519



Tritanopia

49.7284, -8.6654, -5.4409

Trichromacy



Original Color

49.9435, -29.9201, 29.4089

Protanomaly

49.3723, -16.0639, 29.4545

Deuteranomaly

48.8159, -10.3919, 28.3237

Tritanomaly

49.2686, -19.1914, 13.9401

Monochromacy



Original Color

49.9435, -29.9201, 29.4089

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

45.3014, -14.6290, 16.6809

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9435, -29.9201, 29.4089 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(95, 152, 21)` looks like.

```
.text, #text, p{  
    color:rgb(95, 152, 21)  
}
```

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(95, 152, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 152, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9435, -29.9201, 29.4089 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(95, 152, 21) }
```


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

```
.border{ border-color:rgb(95, 152, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 152, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 152, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 152, 21);  
box-shadow:4px 4px 4px 4px rgb(95, 152,  
21) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9435, -29.9201, 29.4089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 152, 21) }
```

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

```
.background{ background-color: rgb(95, 152,  
21) }
```

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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