

Converting Colors

HunterLab(50.1920, -26.4713,
30.4646)

Have a look what the booklet for
HunterLab(50.1920, -26.4713,
30.4646) contains.

HunterLab(50.0639, -26.2397, 30.3897)	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(50.0639,
-26.2397, 30.3897)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9600
RGB	109, 150, 0
RGB Percent	43%, 59%, 0%
CMY	0.5726, 0.4118, 0.9999
CMYK	0.27, 0.00, 1.00, 0.41
HSL	76°, 100%, 29%
HSV	76°, 100%, 59%
XYZ	17.2130, 25.0639, 3.9307
YIQ	120.6410, 23.7140, -55.3420

Conversions

Conversions Part 2

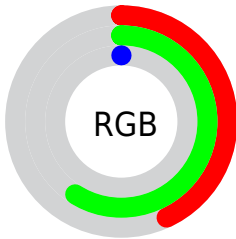
Format	Color
RYB	0, 150, 41
Decimal	7181824
CIELab	57.14, -32.37, 60.00
CIELCh	57, 68.172, 118.344
Yxy	25.0651, 0.3725, 0.5424
Android (android.graphics.Color)	4285371904 (0xFF6D9600)
YUV	120.6410, -59.4760, -10.2092
Hunter-Lab	50.0639, -26.2397, 30.3897

Details

The HunterLab color $[50.0639, -26.2397, 30.3897]$ is a dark color, and the websafe version is hex 669900 . A complement of this color would be $[16.3531, 41.4660, -93.8171]$, and the grayscale version is $[43.8057, -2.3374, 2.3800]$.

A 20% lighter version of the original color is $[71.8521, -30.8038, 38.9544]$, and $[31.2024, -20.0661, 18.8755]$ is the 20% darker color. If you saturate the color by 10%, you get $[50.0647, -26.2421, 30.3902]$, and if you desaturate by 10%, it is $[50.3644, -24.9941, 30.0641]$.

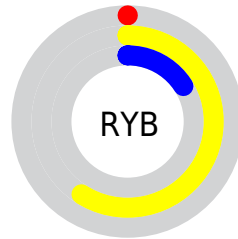
Distribution



Red (43%)

Green (59%)

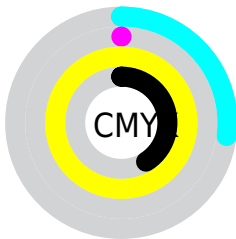
Blue (0%)



Red (0%)

Yellow (59%)

Blue (16%)

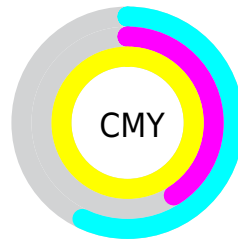


Cyan (27%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (57%)

Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0639, -26.2397, 30.3897 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 50.0639, -26.2397, 30.3897 by changing the saturation by 10% instead.

50.0639, -26.2397,
30.3897

50.0639, -26.2397,
30.3897

166.7818,
-46.2084, 64.3270

40.1566, -23.6754,
25.7655

71.9463, -31.0485,
38.9482

31.0049, -20.9524,
21.1642

83.8390, -33.3373,
42.9425

22.6785, -18.0085,
15.8750

96.3230, -35.5705,
46.7828

15.2692, -14.7363,
10.6885

109.3717,
-37.7588, 50.4911

8.8899, -15.5573,
6.2229

122.9617,
-39.9106, 54.0856

0.0000, NaN, NaN

0.0000, NaN, NaN

137.0720,

-42.0328, 57.5816

0.0000, NaN, NaN

151.6843,
-44.1306, 60.9918

0.0000, NaN, NaN

50.0639, -26.2397,
30.3897

50.0639, -26.2397,
30.3897

50.0647, -26.2421,
30.3902

50.3644, -24.9941,
30.0641

50.6986, -23.5714,
29.3900

51.0786, -21.9121,
28.2073

51.5079, -19.9996,
26.4654

51.9892, -17.8240,
24.1288

■ 52.5245, -15.3799,
21.1731

■ 53.1152, -12.6661,
17.5843

■ 53.7624, -9.6850,
13.3563

■ 54.4666, -6.4416,
8.4907

Harmonies

Analogous

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



50.0650, -1.0715, 31.9074



50.0639, -26.2397, 30.3897



50.0650, -41.4745, 23.1682

Triad

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



50.0650, -26.2410, 30.3900



50.0650, -28.4354, -65.5756



50.0650, 65.1696, 1.1864

Complementary

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



50.0639, -26.2397, 30.3897



16.3531, 41.4660, -93.8171

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.



50.0650, 53.3938, -33.3283



50.0639, -26.2397, 30.3897



50.0650, -4.2567, -83.0851

Square

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



50.0650, -26.2410, 30.3900



50.0650, -42.5267, -29.0946



50.0650, 26.2645, -68.8404



50.0650, 55.6384, 21.7704

Rectangle

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



50.0639, -26.2397, 30.3897



50.0650, -46.0183, 12.2010



50.0650, 26.2645, -68.8404



50.0650, 63.5288, -9.0641

Sweetspot

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



50.0650, -26.2410, 30.3900



70.5098, -17.0525, 23.6695



28.2891, 34.6521, 18.0374



33.0495, -8.6880, 12.0328



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.



50.0650, -26.2410, 30.3900



66.4390, -35.1280, 40.3245



47.0865, -38.4250, 28.3413



25.8182, -2.9222, 3.8234



45.6108, -23.8272, 27.6880



5.1889, -2.0807, 3.1610

Inverse Universe

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



16.3531, 41.4660, -93.8171



21.5463, 54.9340, -125.8840



24.1820, 50.5153, -54.9639



23.8854, 0.3453, -1.3355



14.9387, 37.8079, -85.1126



2.0087, 4.5527, -7.3283

Previews

White Background



This preview shows how the HunterLab color 50.0639, -26.2397, 30.3897 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 50.0639, -26.2397, 30.3897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

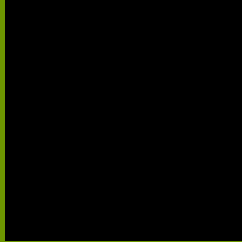
Any Text WCAG AA ✓ Pass

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 50.0639, -26.2397, 30.3897 Background



This preview shows how black text looks on a background with the HunterLab color 50.0639, -26.2397, 30.3897.



This preview shows how white text looks on a background with the HunterLab color 50.0639, -26.2397, 30.3897.

-26.2397, 30.3897.

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

50.0639, -26.2397, 30.3897

Protanopia

49.7608, -7.1878, 30.5365

Deuteranopia

49.8194, 3.1257, 29.4458



Tritanopia

49.9105, -5.1329, -4.1156

Trichromacy



Original Color

50.0639, -26.2397, 30.3897

Protanomaly

49.7486, -14.7460, 30.3967

Deuteranomaly

49.3199, -8.6801, 29.5508

Tritanomaly

49.3366, -16.1317, 16.8197

Monochromacy



Original Color

50.0639, -26.2397, 30.3897

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

45.6292, -13.6335, 18.7546

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0639, -26.2397, 30.3897 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(109, 150, 0)` looks like.

```
.text, #text, p{  
    color:rgb(109, 150, 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(109, 150, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 150, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0639, -26.2397, 30.3897 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(109, 150, 0) }
```


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

```
.border{ border-color:rgb(109, 150, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 150, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 150, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 150, 0);  
box-shadow:4px 4px 4px 4px rgb(109, 150,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0639, -26.2397, 30.3897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 150, 0) }
```

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

```
.background{ background-color: rgb(109,  
150, 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