

Converting Colors

HunterLab(49.9682, -26.1520,
25.3646)

Have a look what the booklet for
HunterLab(49.9682, -26.1520,
25.3646) contains.

HunterLab(49.9532, -26.0451, 25.4139)	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(49.9532,
-26.0451, 25.4139)**

Conversions

Conversions Part 1

Format	Color
Hex	66963B
RGB	102, 150, 59
RGB Percent	40%, 59%, 23%
CMY	0.6000, 0.4118, 0.7686
CMYK	0.32, 0.00, 0.61, 0.41
HSL	92°, 44%, 41%
HSV	92°, 61%, 59%
XYZ	17.1752, 24.9532, 8.0489
YIQ	125.2740, 0.6030, -38.4770

Conversions

Conversions Part 2

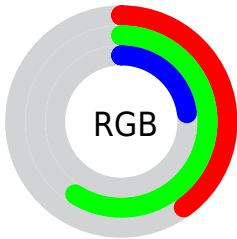
Format	Color
RYB	59, 150, 107
Decimal	6723131
CIELab	57.03, -32.11, 41.98
CIElCh	57, 52.848, 127.412
Yxy	24.9543, 0.3423, 0.4973
Android (android.graphics.Color)	4284913211 (0xFF66963B)
YUV	125.2740, -32.6731, -20.4113
Hunter-Lab	49.9532, -26.0451, 25.4139

Details

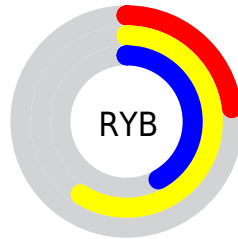
The HunterLab color $49.9532, -26.0451, 25.4139$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $29.0801, 29.7265, -40.3928$, and the grayscale version is $45.5172, -2.4287, 2.4730$.

A 20% lighter version of the original color is $71.6795, -30.5165, 31.4322$, and $31.0009, -20.8607, 18.5177$ is the 20% darker color. If you saturate the color by 10%, you get $49.3760, -28.6147, 27.0627$, and if you desaturate by 10%, it is $50.6138, -23.1096, 23.1937$.

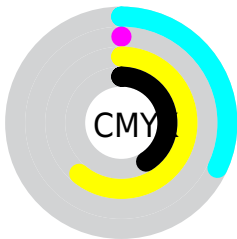
Distribution



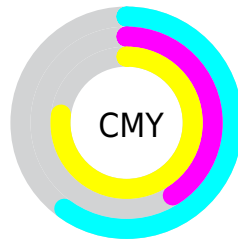
- Red (40%)
- Green (59%)
- Blue (23%)



- Red (23%)
- Yellow (59%)
- Blue (42%)



- Cyan (32%)
- Magenta (0%)
- Yellow (61%)
- Black (41%)



- Cyan (60%)
- Magenta (41%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9532, -26.0451, 25.4139 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 49.9532, -26.0451, 25.4139 by changing the saturation by 10% instead.

■ 49.9532, -26.0451,
25.4139

■ 49.9532, -26.0451,
25.4139

166.6164,
-45.9029, 50.4195

■ 40.0537, -23.4967,
22.0598

■ 71.8214, -30.8247,
31.6156

■ 30.9105, -20.7910,
18.4793

■ 83.7074, -33.1002,
34.5252

■ 22.5935, -17.8661,
14.9662

■ 96.1853, -35.3207,
37.3376

■ 15.1947, -14.6148,
10.6363

■ 109.2281,
-37.4970, 40.0695

■ 8.8225, -15.4393,
6.1757

■ 122.8122,
-39.6373, 42.7339

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.9171,

-41.7483, 45.3415

0.0000, NaN, NaN

151.5241,
-43.8354, 47.9010

0.0000, NaN, NaN

■ 49.9532, -26.0451,
25.4139

■ 49.9532, -26.0451,
25.4139

■ 49.3760, -28.6147,
27.0627

■ 50.6138, -23.1096,
23.1937

■ 48.8766, -30.8171,
28.1678

■ 51.3560, -19.8102,
20.3864

■ 48.4523, -32.6642,
28.7757

■ 52.1815, -16.1588,
16.9891

■ 48.1130, -34.1264,
29.0496

■ 53.0900, -12.1710,
13.0083

■ 54.0808, -7.8654,
8.4582

■ 55.1528, -3.2631,
3.3589

■ 56.3042, 1.6134,
-2.2644

■ 57.5330, 6.7410,
-8.3837

■ 58.8369, 12.0966,
-14.9686

Harmonies

Analogous

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



49.9543, -8.0565, 28.5514



49.9532, -26.0451, 25.4139



49.9543, -36.2858, 15.9363

Triad

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



49.9543, -26.0462, 25.4142



49.9543, -18.0288, -51.1761



49.9543, 47.0983, 7.6791

Complementary

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



49.9532, -26.0451, 25.4139



29.0801, 29.7265, -40.3928

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.



49.9543, 43.1674, -15.5265



49.9532, -26.0451, 25.4139



49.9543, 2.9588, -56.6305

Square

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



49.9543, -26.0462, 25.4142



49.9543, -32.2522, -28.7757



49.9543, 26.0002, -41.4795



49.9543, 35.9580, 21.6329

Rectangle

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



49.9532, -26.0451, 25.4139



49.9543, -38.5581, 4.5179



49.9543, 26.0002, -41.4795



49.9543, 47.5249, 0.8510

Sweetspot

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



49.9543, -26.0462, 25.4142



70.8202, -14.8829, 15.9499



41.3670, 7.5388, 19.6912



33.1798, -7.7019, 8.2280



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.



49.9543, -26.0462, 25.4142



65.3296, -39.1728, 36.5865



48.0369, -33.7510, 23.6435



25.6802, -3.4117, 3.6652



43.8371, -30.9893, 26.4697



5.0252, -2.7186, 3.0489

Inverse Universe

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



29.0801, 29.7265, -40.3928



32.9845, 48.9045, -70.3503



34.3018, 41.5831, -26.9121



24.0301, 0.8373, -1.1410



17.9685, 40.9352, -67.1757



2.3890, 5.0269, -5.7091

Previews

White Background



This preview shows how the HunterLab color 49.9532, -26.0451, 25.4139 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 49.9532, -26.0451, 25.4139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

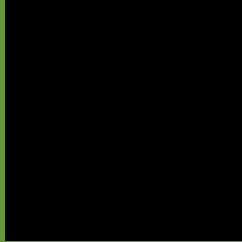
Any Text WCAG AA ✓ Pass

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 49.9532, -26.0451, 25.4139 Background



This preview shows how black text looks on a background with the HunterLab color 49.9532, -26.0451, 25.4139.



This preview shows how white text looks on a background with the HunterLab color 49.9532, -26.0451, 25.4139.

-26.0451, 25.4139.

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

49.9532, -26.0451, 25.4139

Protanopia

49.8423, -6.3436, 26.3020

Deuteranopia

49.6707, 3.2243, 24.6937



Tritanopia

49.9616, -7.8941, -4.6043

Trichromacy



Original Color

49.9532, -26.0451, 25.4139

Protanomaly

49.6990, -14.3565, 25.9095

Deuteranomaly

49.1726, -8.5703, 24.4797

Tritanomaly

49.5677, -15.8957, 9.7637

Monochromacy



Original Color

49.9532, -26.0451, 25.4139

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

46.6601, -11.9916, 12.8973

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9532, -26.0451, 25.4139 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(102, 150, 59)` looks like.

```
.text, #text, p{  
    color:rgb(102, 150, 59)  
}
```

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(102, 150, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 150, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9532, -26.0451, 25.4139 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(102, 150, 59) }
```


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

```
.border{ border-color:rgb(102, 150, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 150, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 150, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 150, 59);  
box-shadow:4px 4px 4px 4px rgb(102, 150,  
59) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9532, -26.0451, 25.4139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 150, 59) }
```

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

```
.background{ background-color: rgb(102,  
150, 59) }
```

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