

Converting Colors

HunterLab(53.1355, -18.3323,
24.7624)

Have a look what the booklet for
HunterLab(53.1355, -18.3323,
24.7624) contains.

HunterLab(53.1129, -18.3001, 24.7749)	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(53.1129,
-18.3001, 24.7749)**

Conversions

Conversions Part 1

Format	Color
Hex	84994C
RGB	132, 153, 76
RGB Percent	52%, 60%, 30%
CMY	0.4824, 0.4000, 0.7020
CMYK	0.14, 0.00, 0.50, 0.40
HSL	76°, 34%, 45%
HSV	76°, 50%, 60%
XYZ	22.2115, 28.2098, 11.1118
YIQ	137.9430, 12.2010, -28.3990

Conversions

Conversions Part 2

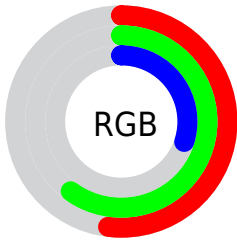
Format	Color
R_{YB}	76, 153, 97
Decimal	8689996
CIE _{Lab}	60.08, -19.95, 37.71
CIE _{LCh}	60, 42.658, 117.880
Yxy	28.2111, 0.3610, 0.4585
Android (android.graphics.Color)	4286880076 (0xFF84994C)
YUV	137.9430, -30.5379, -5.2120
Hunter-Lab	53.1129, -18.3001, 24.7749

Details

The HunterLab color $53.1129, -18.3001, 24.7749$ is a dark color, and the websafe version is hex 999933 . A complement of this color would be $31.6400, 19.4660, -36.6394$, and the grayscale version is $50.5060, -2.6949, 2.7441$.

A 20% lighter version of the original color is $75.2310, -21.5773, 30.1551$, and $33.5966, -14.9220, 18.6110$ is the 20% darker color. If you saturate the color by 10%, you get $52.6243, -20.5147, 27.1410$, and if you desaturate by 10%, it is $53.6591, -15.8134, 21.7758$.

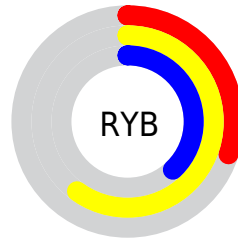
Distribution



Red (52%)

Green (60%)

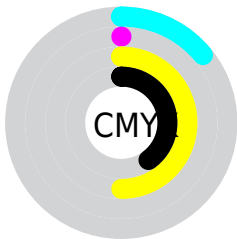
Blue (30%)



Red (30%)

Yellow (60%)

Blue (38%)

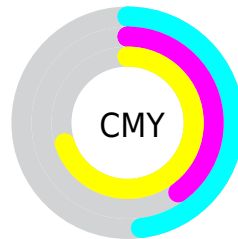


Cyan (14%)

Magenta (0%)

Yellow (50%)

Black (40%)



Cyan (48%)

Magenta (40%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.1129, -18.3001, 24.7749 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 53.1129, -18.3001, 24.7749 by changing the saturation by 10% instead.

■ 53.1129, -18.3001,
24.7749

■ 53.1129, -18.3001,
24.7749

171.3109,
-32.7761, 47.5136

■ 42.9940, -16.5739,
21.7839

■ 75.3799, -21.6305,
30.3432

■ 33.6134, -14.7809,
18.6035

■ 87.4494, -23.2541,
32.9728

■ 25.0361, -12.8930,
15.1813

■ 100.1021,
-24.8603, 35.5248

■ 17.3458, -10.8605,
12.1420

■ 113.3122,
-26.4543, 38.0128

■ 10.6598, -9.0500,
7.4618

■ 127.0572,
-28.0400, 40.4477

■ 0.9348, -1.6360,
0.6544

141.3170,

0.0000, NaN, NaN

-29.6207, 42.8383

0.0000, NaN, NaN

156.0736,
-31.1987, 45.1916

0.0000, NaN, NaN

■ 53.1129, -18.3001,
24.7749

■ 53.1129, -18.3001,
24.7749

■ 52.6243, -20.5147,
27.1410

■ 53.6591, -15.8134,
21.7758

■ 52.1877, -22.4585,
28.8979

■ 54.2610, -13.0488,
18.1273

■ 51.8015, -24.1435,
30.0835

■ 54.9206, -10.0100,
13.8233

■ 51.4619, -25.5870,
30.7505

■ 55.6386, -6.7021,
8.8651

■ 51.1671, -26.8134,
31.0595

■ 56.4151, -3.1325,
3.2605

■ 57.2501, 0.6891,
-2.9775

■ 58.1432, 4.7515,
-9.8308

■ 59.0937, 9.0427,
-17.2781

■ 60.1007, 13.5494,
-25.2947

Harmonies

Analogous

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



53.1141, -1.5299, 26.6338



53.1129, -18.3001, 24.7749



53.1141, -29.4598, 17.7795

Triad

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



53.1141, -18.3015, 24.7753



53.1141, -20.2711, -33.9615



53.1141, 37.0717, 1.6389

Complementary

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



53.1129, -18.3001, 24.7749



31.6400, 19.4660, -36.6394

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.



53.1141, 30.3488, -18.1481



53.1129, -18.3001, 24.7749



53.1141, -4.1313, -42.5799

Square

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



53.1141, -18.3015, 24.7753



53.1141, -30.4842, -15.2518



53.1141, 14.6285, -35.9933



53.1141, 31.9588, 16.2762

Rectangle

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



53.1129, -18.3001, 24.7749



53.1141, -33.0320, 9.4461



53.1141, 14.6285, -35.9933



53.1141, 36.1040, -4.6229

Sweetspot

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



53.1141, -18.3015, 24.7753



73.9685, -11.2131, 15.2697



39.6968, 14.5002, 14.5020



34.6718, -5.6665, 7.7681



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.



53.1141, -18.3015, 24.7753



70.3691, -27.6903, 36.5534



50.6790, -27.7217, 22.7432



26.7173, -3.0311, 3.9698



46.5336, -24.3034, 28.2483



5.8424, -2.3778, 3.5584

Inverse Universe

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



31.6400, 19.4660, -36.6394



36.3924, 33.5774, -64.9176



35.5290, 29.9264, -27.8779



24.7059, 0.3659, -1.3983



15.2243, 38.5572, -86.9453



2.2552, 5.1222, -8.3104

Previews

White Background



This preview shows how the HunterLab color 53.1129, -18.3001, 24.7749 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 53.1129, -18.3001, 24.7749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

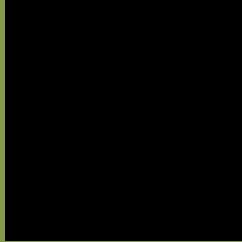
Any Text WCAG AA ✓ Pass

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 53.1129, -18.3001, 24.7749 Background



This preview shows how black text looks on a background with the HunterLab color 53.1129, -18.3001, 24.7749.



This preview shows how white text looks on a background with the HunterLab color 53.1129,

-18.3001, 24.7749.

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

53.1129, -18.3001, 24.7749

Protanopia

53.1088, -6.1412, 25.5809

Deuteranopia

53.0125, 3.7567, 24.2437



Tritanopia

53.0072, -1.4053, -2.5423

Trichromacy



Original Color

53.1129, -18.3001, 24.7749

Protanomaly

53.0643, -10.7728, 25.2708

Deuteranomaly

52.7129, -4.4360, 24.0837

Tritanomaly

52.7286, -8.5043, 9.7650

Monochromacy



Original Color

53.1129, -18.3001, 24.7749

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

51.1048, -8.8528, 12.5180

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.1129, -18.3001, 24.7749 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(132, 153, 76)` looks like.

```
.text, #text, p{  
    color:rgb(132, 153, 76)  
}
```

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(132, 153, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 153, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 53.1129, -18.3001, 24.7749 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(132, 153, 76) }
```


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

```
.border{ border-color:rgb(132, 153, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 153, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 153, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 153, 76);  
box-shadow:4px 4px 4px 4px rgb(132, 153,  
76) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.1129, -18.3001, 24.7749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 153, 76) }
```

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

```
.background{ background-color: rgb(132,  
153, 76) }
```

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