

# Converting Colors

HunterLab(53.2659, -17.7241,  
24.9012)

Have a look what the booklet for  
HunterLab(53.2659, -17.7241,  
24.9012) contains.

<b>HunterLab(53.2659, -17.7241, 24.9012)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	28
<i><b>CSS Examples</b></i>	31

# Color

**HunterLab(53.2659,  
-17.7241, 24.9012)**

# Conversions

Conversions Part 1	
Format	Color
Hex	86994C
RGB	134, 153, 76
RGB Percent	53%, 60%, 30%
CMY	0.4745, 0.4000, 0.7020
CMYK	0.12, 0.00, 0.50, 0.40
HSL	75°, 34%, 45%
HSV	75°, 50%, 60%
XYZ	22.5272, 28.3726, 11.1266
YIQ	138.5410, 13.3930, -27.9750

# Conversions

## Conversions Part 2

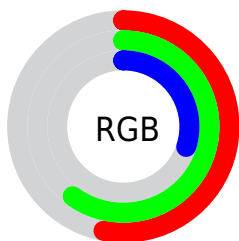
Format	Color
<a href="#">RYB</a>	<a href="#">76, 153, 95</a>
Decimal	<a href="#">8821068</a>
CIELab	<a href="#">60.22, -19.12, 37.92</a>
CIELCh	<a href="#">60, 42.467, 116.766</a>
Yxy	<a href="#">28.3738, 0.3632, 0.4574</a>
Android (android.graphics.Color)	<a href="#">4287011148</a> (0xFF86994C)
YUV	<a href="#">138.5410, -30.8327, -3.9825</a>
Hunter-Lab	<a href="#">53.2659, -17.7241, 24.9012</a>

# Details

The HunterLab color **53.2659, -17.7241, 24.9012** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **31.4680, 18.9819, -37.0624**, and the grayscale version is **50.7449, -2.7076, 2.7571**.

A 20% lighter version of the original color is **75.4830, -20.6438, 30.3795**, and **33.7279, -14.4152, 18.7078** is the 20% darker color. If you saturate the color by 10%, you get **52.8024, -19.8364, 27.2792**, and if you desaturate by 10%, it is **53.7851, -15.3452, 21.8875**.

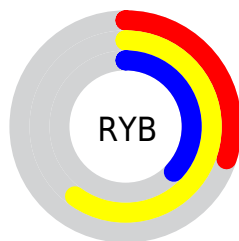
# Distribution



Red (53%)

Green (60%)

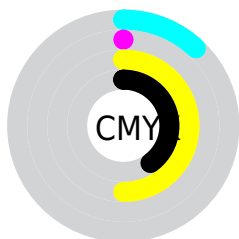
Blue (30%)



Red (30%)

Yellow (60%)

Blue (37%)

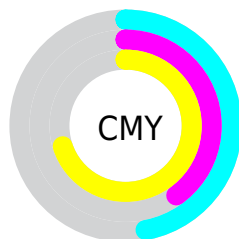


Cyan (12%)

Magenta (0%)

Yellow (50%)

Black (40%)



Cyan (47%)

Magenta (40%)


Yellow (70%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.2659, -17.7241, 24.9012 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 53.2659, -17.7241, 24.9012 by changing the saturation by 10% instead.





 53.2659, -17.7241,  
24.9012


 53.2659, -17.7241,  
24.9012


171.5369,  
-31.8501, 47.7311

 43.1366, -16.0502,  
21.8977


 75.5518, -20.9615,  
30.4929


 33.7448, -14.3146,  
18.7043


 87.6300, -22.5429,  
33.1334


 25.1552, -12.4912,  
15.2689


 100.2911,  
-24.1092, 35.6958

 17.4512, -10.5332,  
12.2158

 113.5092,  
-25.6652, 38.1938

 10.7494, -8.6982,  
7.5246

 127.2618,  
-27.2146, 40.6384

 1.5782, -2.7618,  
1.1047

141.5290,


0.0000, NaN, NaN


-28.7604, 43.0382


0.0000, NaN, NaN


156.2927,  
-30.3050, 45.4005


0.0000, NaN, NaN


 53.2659, -17.7241,  
24.9012


 53.2659, -17.7241,  
24.9012


 52.8024, -19.8364,  
27.2792


 53.7851, -15.3452,  
21.8875


 52.3889, -21.6842,  
29.0465


 54.3582, -12.6928,  
18.2204


 52.0237, -23.2805,  
30.2417

 54.9873, -9.7695,  
13.8927

 51.7031, -24.6430,  
30.9181

 55.6732, -6.5793,  
8.9044

 51.4247, -25.7987,  
31.2360

 56.4162, -3.1286,  
3.2619

■ 57.2164, 0.5739,  
-3.0228

■ 58.0734, 4.5180,  
-9.9329

■ 58.9867, 8.6925,  
-17.4477

■ 59.9557, 13.0849,  
-25.5435

# Harmonies

## Analogous

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



53.2671, -0.8536, 26.5988



53.2659, -17.7241, 24.9012



53.2671, -29.1014, 18.1247

# Triad

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



53.2671, -17.7256, 24.9016



53.2671, -20.7222, -33.1984



53.2671, 36.8509, 0.9843

# Complementary

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



53.2659, -17.7241, 24.9012



31.4680, 18.9819, -37.0624

# 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.



53.2671, 29.7490, -18.7967



53.2659, -17.7241, 24.9012



53.2671, -4.8076, -42.2746

# Square

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



53.2671, -17.7256, 24.9016



53.2671, -30.6612, -14.4034



53.2671, 13.8727, -36.2768



53.2671, 32.1926, 15.8332



# Rectangle

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



53.2659, -17.7241, 24.9012



53.2671, -32.8451, 9.9803



53.2671, 13.8727, -36.2768



53.2671, 35.7389, -5.3104

# Sweetspot

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



53.2671, -17.7256, 24.9016



74.0364, -10.9702, 15.3435



39.1080, 15.7358, 14.0071



34.7076, -5.5381, 7.8064



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.



53.2671, -17.7256, 24.9016



70.6103, -26.7712, 36.7397



50.8148, -27.1828, 22.8577



26.7322, -2.9785, 3.9868



46.7667, -23.3857, 28.4080



5.8606, -2.3079, 3.5709



# Inverse Universe

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



31.4680, 18.9819, -37.0624



36.1165, 32.8852, -65.7717



35.2316, 29.1562, -28.4991



24.6907, 0.3142, -1.4188



15.0048, 38.3639, -88.5030



2.2073, 5.0675, -8.5532



# Previews

## White Background



This preview shows how the HunterLab color 53.2659, -17.7241, 24.9012 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 53.2659, -17.7241, 24.9012 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

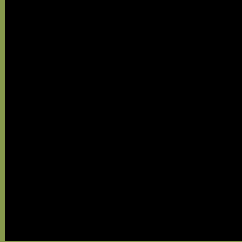
Any Text WCAG AA ✓ Pass

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 53.2659, -17.7241, 24.9012 Background



This preview shows how black text looks on a background with the HunterLab color 53.2659, -17.7241, 24.9012.



This preview shows how white text looks on a background with the HunterLab color 53.2659, -17.7241, 24.9012.

-17.7241, 24.9012.

# 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

53.2659, -17.7241, 24.9012

### Protanopia

53.1088, -6.1412, 25.5809

### Deuteranopia

53.0125, 3.7567, 24.2437



## Tritanopia

53.1753, -0.8260, -2.3174

# Trichromacy



## Original Color

53.2659, -17.7241, 24.9012

## Protanomaly

53.1541, -10.4476, 25.3439

## Deuteranomaly

52.7129, -4.4360, 24.0837

## Tritanomaly

52.8916, -7.9206, 9.9452

# Monochromacy



## Original Color

53.2659, -17.7241, 24.9012

## Achromatopsia

50.8117, -2.7112, 2.7607

## Achromatomaly

51.5032, -8.8848, 12.5594

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 53.2659, -17.7241, 24.9012 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(134, 153, 76)` looks like.

```
.text, #text, p{  
    color:rgb(134, 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(134, 153, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 153, 76) }
```

## Border

The CSS property to change the border of an element to HunterLab 53.2659, -17.7241, 24.9012 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(134, 153, 76) }
```



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

```
.border{ border-color:rgb(134, 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(134, 153, 76) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 153, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 153, 76);  
box-shadow:4px 4px 4px 4px rgb(134, 153,  
76) }
```

# Background

The CSS property to change the background color of an element to HunterLab 53.2659, -17.7241, 24.9012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 153, 76) }
```

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

```
.background{ background-color: rgb(134,  
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