

# Converting Colors

HunterLab(53.4841, -17.8857,  
32.6430)

Have a look what the booklet for  
HunterLab(53.4841, -17.8857,  
32.6430) contains.

<b>HunterLab(53.4996, -17.8233, 32.6542)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(53.4996,  
-17.8233, 32.6542)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8F9900
RGB	143, 153, 0
RGB Percent	56%, 60%, 0%
CMY	0.4392, 0.4000, 1.0000
CMYK	0.07, 0.00, 1.00, 0.40
HSL	64°, 100%, 30%
HSV	64°, 100%, 60%
XYZ	22.7189, 28.6221, 4.3272
YIQ	132.5680, 43.1530, -49.7030

# Conversions

## Conversions Part 2

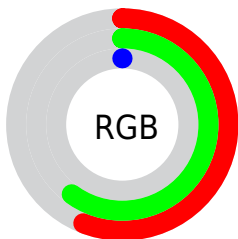
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 153, 10
Decimal	9410816
CIELab	60.45, -19.21, 63.55
CIELCh	60, 66.392, 106.819
Yxy	28.6234, 0.4081, 0.5142
Android (android.graphics.Color)	4287600896 (0xFF8F9900)
YUV	132.5680, -65.3560, 9.1489
Hunter-Lab	53.4996, -17.8233, 32.6542

# Details

The HunterLab color  $53.4996, -17.8233, 32.6542$  is a dark color, and the websafe version is hex  $999900$ . A complement of this color would be  $15.3784, 41.2874, -105.9985$ , and the grayscale version is  $48.4990, -2.5878, 2.6350$ .

A 20% lighter version of the original color is  $75.7449, -21.0821, 41.5056$ , and  $34.0257, -13.5063, 20.7300$  is the 20% darker color. If you saturate the color by 10%, you get  $53.5007, -17.8254, 32.6548$ , and if you desaturate by 10%, it is  $53.6176, -17.3208, 32.2229$ .

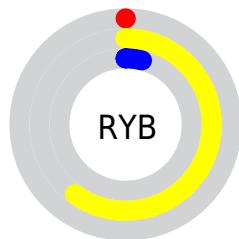
# Distribution



Red (56%)

Green (60%)

Blue (0%)



Red (0%)

Yellow (60%)

Blue (4%)

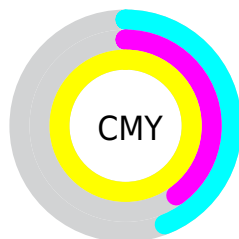


Cyan (7%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (44%)

Magenta (40%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.4996, -17.8233, 32.6542 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 53.4996, -17.8233, 32.6542 by changing the saturation by 10% instead.



■ 53.4996, -17.8233,  
32.6542

■ 53.4996, -17.8233,  
32.6542

171.8819,  
-31.9833, 67.9539

■ 43.3545, -16.1455,  
27.8772

■ 75.8144, -21.0691,  
41.5280

■ 33.9456, -14.4057,  
23.0066

■ 87.9059, -22.6545,  
45.6799

■ 25.3373, -12.5781,  
17.7361

■ 100.5796,  
-24.2246, 49.6760

■ 17.6125, -10.6164,  
12.3287

■ 113.8099,  
-25.7843, 53.5374

■ 10.8867, -8.7158,  
7.6207

■ 127.5742,  
-27.3374, 57.2820

■ 2.2265, -3.8965,  
1.5586

■ 141.8526,

0.0000, NaN, NaN

-28.8868, 60.9248

0.0000, NaN, NaN

156.6272,  
-30.4348, 64.4785

0.0000, NaN, NaN

53.4996, -17.8233,  
32.6542

53.4996, -17.8233,  
32.6542

53.5007, -17.8254,  
32.6548

53.6176, -17.3208,  
32.2229

53.7592, -16.6766,  
31.4338

53.9365, -15.8306,  
30.1268

54.1537, -14.7613,  
28.2441

54.4140, -13.4524,  
25.7415

■ 54.7203, -11.8917,  
22.5854

■ 55.0746, -10.0709,  
18.7516

■ 55.4787, -7.9846,  
14.2242

■ 55.9342, -5.6307,  
8.9947

# Harmonies

## Analogous

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



53.5008, 10.2371, 32.8808



53.4996, -17.8233, 32.6542



53.5008, -37.2749, 27.7312

# Triad

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



53.5008, -17.8251, 32.6545



53.5008, -35.4636, -50.8358



53.5008, 61.7271, -10.4085

# Complementary

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



53.4996, -17.8233, 32.6542



15.3784, 41.2874, -105.9985

# 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.



53.5008, 43.3156, -46.5283



53.4996, -17.8233, 32.6542



53.5008, -14.8025, -76.9012

# Square

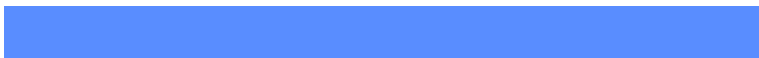
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.5008, -17.8251, 32.6545



53.5008, -45.8981, -14.4972



53.5008, 13.9610, -75.0070



53.5008, 60.4409, 15.9196



# Rectangle

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



53.4996, -17.8233, 32.6542



53.5008, -44.5284, 19.6526



53.5008, 13.9610, -75.0070



53.5008, 57.4964, -21.9755

# Sweetspot

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



53.5008, -17.8251, 32.6545



73.6705, -13.6332, 25.4277



26.3421, 43.4890, 16.9924



34.5293, -6.8629, 12.9178



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.



53.5008, -17.8251, 32.6545



71.5728, -23.9369, 43.6837



49.0345, -35.4427, 29.5939



26.8372, -2.6080, 4.1066



48.6425, -16.1832, 29.6899



5.9921, -1.8117, 3.6606



# Inverse Universe

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



15.3784, 41.2874, -105.9985



20.5049, 55.2019, -142.4591



20.4754, 46.2943, -73.8447



24.5859, -0.0443, -1.5606



14.0001, 37.5524, -96.1995



1.8384, 4.6941, -10.7942



# Previews

## White Background



This preview shows how the HunterLab color 53.4996, -17.8233, 32.6542 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 53.4996, -17.8233, 32.6542 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

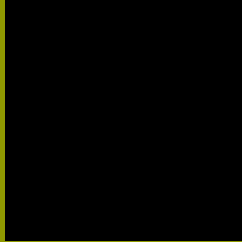
Any Text WCAG AA ✓ Pass

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 53.4996, -17.8233, 32.6542 Background



This preview shows how black text looks on a background with the HunterLab color 53.4996, -17.8233, 32.6542.



This preview shows how white text looks on a background with the HunterLab color 53.4996,

-17.8233, 32.6542.

# 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

53.4996, -17.8233, 32.6542

### Protanopia

53.3388, -7.7094, 32.7322

### Deuteranopia

53.3268, 3.8535, 31.9046



## Tritanopia

53.4003, 2.6487, -0.5095

# Trichromacy



## Original Color

53.4996, -17.8233, 32.6542

## Protanomaly

53.4442, -11.8401, 32.7248

## Deuteranomaly

53.0258, -4.3353, 32.0502

## Tritanomaly

52.8251, -7.9188, 19.7186

# Monochromacy



## Original Color

53.4996, -17.8233, 32.6542

## Achromatopsia

48.4304, -2.5841, 2.6313

## Achromatomaly

49.7297, -10.4495, 20.2137

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 53.4996, -17.8233, 32.6542 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(143, 153, 0)` looks like.

```
.text, #text, p{  
    color:rgb(143, 153, 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(143, 153, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 153, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 53.4996, -17.8233, 32.6542 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(143, 153, 0) }
```



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

```
.border{ border-color:rgb(143, 153, 0) }
```

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

Here you see how a box with a 4 pixel rgb(143, 153, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 153, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 153, 0);  
box-shadow:4px 4px 4px 4px rgb(143, 153,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 53.4996, -17.8233, 32.6542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 153, 0) }
```

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

```
.background{ background-color: rgb(143,  
153, 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