

# Converting Colors

HunterLab(43.8515, -30.4185,  
22.4738)

Have a look what the booklet for  
HunterLab(43.8515, -30.4185,  
22.4738) contains.

<b>HunterLab(43.9395, -30.5456, 22.4687)</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(43.9395,  
-30.5456, 22.4687)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3A8A32
RGB	58, 138, 50
RGB Percent	23%, 54%, 20%
CMY	0.7725, 0.4588, 0.8039
CMYK	0.58, 0.00, 0.64, 0.46
HSL	115°, 47%, 37%
HSV	115°, 64%, 54%
XYZ	11.4091, 19.3068, 6.1429
YIQ	104.0480, -19.4320, -44.3280

# Conversions

## Conversions Part 2

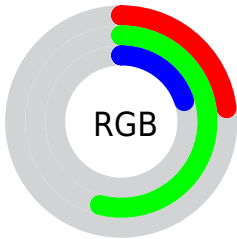
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 138, 130
Decimal	3836466
CIELab	51.05, -42.34, 38.89
CIELCh	51, 57.486, 137.433
Yxy	19.3076, 0.3095, 0.5238
Android (android.graphics.Color)	4282026546 (0xFF3A8A32)
YUV	104.0480, -26.6457, -40.3841
Hunter-Lab	43.9395, -30.5456, 22.4687

# Details

The HunterLab color  $[43.9395, -30.5456, 22.4687]$  is a dark color, and the websafe version is hex  $339933$ . A complement of this color would be  $[29.7704, 37.4511, -28.8891]$ , and the grayscale version is  $[37.3283, -1.9917, 2.0281]$ .

A 20% lighter version of the original color is  $[64.9077, -36.6970, 28.3403]$ , and  $[26.1082, -22.3878, 15.6958]$  is the 20% darker color. If you saturate the color by 10%, you get  $[43.4449, -32.8356, 23.8957]$ , and if you desaturate by 10%, it is  $[44.5737, -27.6499, 20.5692]$ .

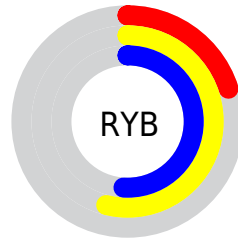
# Distribution



Red (23%)

Green (54%)

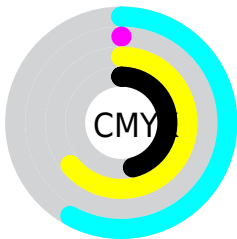
Blue (20%)



Red (20%)

Yellow (54%)

Blue (51%)

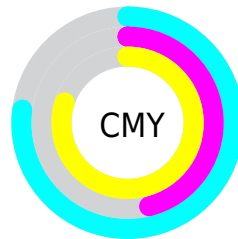


Cyan (58%)

Magenta (0%)

Yellow (64%)

Black (46%)



Cyan (77%)

Magenta (46%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 43.9395, -30.5456, 22.4687 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 43.9395, -30.5456, 22.4687 by changing the saturation by 10% instead.



■ 43.9395, -30.5456,  
22.4687

■ 43.9395, -30.5456,  
22.4687

157.5251,  
-55.4892, 46.3975

■ 34.4859, -27.1597,  
19.2192

■ 65.0025, -36.7512,  
28.4356

■ 25.8277, -23.4943,  
15.7270

■ 76.5198, -39.6517,  
31.2227

■ 18.0472, -19.4323,  
12.6331

■ 88.6469, -42.4532,  
33.9121

■ 11.2576, -17.6609,  
7.8804

■ 101.3545,  
-45.1739, 36.5214

■ 3.4016, -5.9527,  
2.3811

■ 114.6173,  
-47.8279, 39.0646

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 128.4129,

-50.4262, 41.5527

0.0000, NaN, NaN

142.7214,  
-52.9776, 43.9946

0.0000, NaN, NaN

■ 43.9395, -30.5456,  
22.4687

■ 43.9395, -30.5456,  
22.4687

■ 43.4449, -32.8356,  
23.8957

■ 44.5737, -27.6499,  
20.5692

■ 43.0802, -34.5284,  
24.8685

■ 45.3490, -24.1553,  
18.1947

■ 42.8359, -35.6594,  
25.4291

■ 46.2680, -20.0882,  
15.3580

■ 42.7316, -36.1484,  
25.6982

■ 47.3303, -15.4865,  
12.0830

■ 48.5338, -10.3974,  
8.4019

■ 49.8748, -4.8728,  
4.3521

■ 51.3485, 1.0333,  
-0.0267

■ 52.9496, 7.2680,  
-4.6939

■ 54.6719, 13.7811,  
-9.6110

# Harmonies

## Analogous

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



43.9404, -14.8969, 26.6410



43.9395, -30.5456, 22.4687



43.9404, -37.8843, 10.6393

# Triad

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



43.9404, -30.5463, 22.4689



43.9404, -11.6136, -62.2089



43.9404, 48.6629, 13.2756

# Complementary

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



43.9395, -30.5456, 22.4687



29.7704, 37.4511, -28.8891

# 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.



43.9404, 50.0521, -7.8484



43.9395, -30.5456, 22.4687



43.9404, 11.7917, -60.1718

# Square

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



43.9404, -30.5463, 22.4689



43.9404, -28.5731, -41.5865



43.9404, 35.4530, -36.9461



43.9404, 31.9783, 23.5383



# Rectangle

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



43.9395, -30.5456, 22.4687



43.9404, -38.3319, -3.4431



43.9404, 35.4530, -36.9461



43.9404, 51.0413, 7.5222

# Sweetspot

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



43.9404, -30.5463, 22.4689



63.5111, -17.6898, 13.9742



46.2469, -7.8506, 24.4906



29.8944, -9.1613, 7.1832



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.9404, -30.5463, 22.4689



57.4216, -44.7870, 32.4276



44.1758, -28.6088, 15.1285



23.7246, -3.8138, 3.1754



40.9198, -34.5955, 24.6089



3.3720, -2.6635, 2.0312



# Inverse Universe

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



29.7704, 37.4511, -28.8891



35.9612, 59.2178, -46.6821



29.4283, 33.7867, -7.0233



22.5971, 1.4508, -0.7589



23.9058, 47.9769, -39.1061



2.0272, 4.0230, -2.9637



# Previews

## White Background



This preview shows how the HunterLab color 43.9395, -30.5456, 22.4687 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 43.9395, -30.5456, 22.4687 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 43.9395, -30.5456, 22.4687 Background



This preview shows how black text looks on a background with the HunterLab color 43.9395, -30.5456, 22.4687.



This preview shows how white text looks on a background with the HunterLab color 43.9395,

-30.5456, 22.4687.

# 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

43.9395, -30.5456, 22.4687

### Protanopia

43.6063, -5.4834, 23.3985

### Deuteranopia

43.5275, 2.8244, 21.5982



## Tritanopia

43.8334, -12.6694, -6.7717

# Trichromacy



## Original Color

43.9395, -30.5456, 22.4687

## Protanomaly

43.0230, -16.5168, 22.5153

## Deuteranomaly

42.5973, -11.8932, 21.1823

## Tritanomaly

43.4783, -20.6480, 7.4612

# Monochromacy



## Original Color

43.9395, -30.5456, 22.4687

## Achromatopsia

37.2064, -1.9852, 2.0215

## Achromatomaly

38.9321, -14.1390, 10.9689

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 43.9395, -30.5456, 22.4687 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(58, 138, 50)` looks like.

```
.text, #text, p{  
    color:rgb(58, 138, 50)  
}
```

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(58, 138, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 138, 50) }
```

## Border

The CSS property to change the border of an element to HunterLab 43.9395, -30.5456, 22.4687 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(58, 138, 50) }
```



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

```
.border{ border-color:rgb(58, 138, 50) }
```

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

Here you see how a box with a 4 pixel rgb(58, 138, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 138, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 138, 50);  
box-shadow:4px 4px 4px 4px rgb(58, 138,  
50) }
```

# Background

The CSS property to change the background color of an element to HunterLab 43.9395, -30.5456, 22.4687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 138, 50) }
```

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

```
.background{ background-color: rgb(58, 138,  
50) }
```

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