

# Converting Colors

HunterLab(59.7528, -5.6941,  
12.4822)

Have a look what the booklet for  
HunterLab(59.7528, -5.6941,  
12.4822) contains.

<b>HunterLab(59.7529, -5.6950, 12.4829)</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(59.7529, -5.6950,  
12.4829)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A5A28B
RGB	165, 162, 139
RGB Percent	65%, 64%, 55%
CMY	0.3529, 0.3647, 0.4549
CMYK	0.00, 0.02, 0.16, 0.35
HSL	53°, 13%, 60%
HSV	53°, 16%, 65%
XYZ	33.0976, 35.7041, 29.5732
YIQ	160.2750, 9.1710, -6.5170

# Conversions

## Conversions Part 2

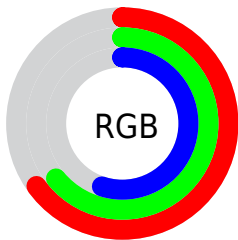
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 165, 139
Decimal	10855051
CIE <sub>Lab</sub>	66.29, -2.95, 12.36
CIE <sub>LCh</sub>	66, 12.710, 103.403
Yxy	35.7057, 0.3364, 0.3629
Android (android.graphics.Color)	4289045131 (0xFFA5A28B)
YUV	160.2750, -10.4886, 4.1438
Hunter-Lab	59.7529, -5.6950, 12.4829

# Details

The HunterLab color  $59.7529, -5.6950, 12.4829$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $52.4891, 0.3438, -7.8604$ , and the grayscale version is  $59.4426, -3.1717, 3.2296$ .

A 20% lighter version of the original color is  $82.8804, -7.3033, 14.8508$ , and  $39.2222, -4.0642, 9.8106$  is the 20% darker color. If you saturate the color by 10%, you get  $58.8168, -6.8772, 17.3972$ , and if you desaturate by 10%, it is  $60.7454, -4.2377, 6.8736$ .

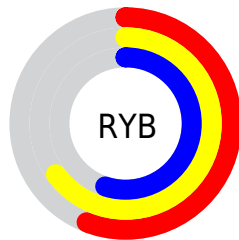
# Distribution



Red (65%)

Green (64%)

Blue (55%)



Red (56%)

Yellow (65%)

Blue (55%)

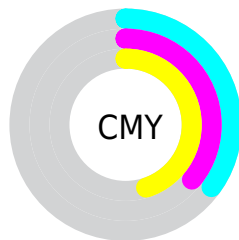


Cyan (0%)

Magenta (2%)

Yellow (16%)

Black (35%)



Cyan (35%)

Magenta (36%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.7529, -5.6950, 12.4829 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 59.7529, -5.6950, 12.4829 by changing the saturation by 10% instead.



■ 59.7529, -5.6950,  
12.4829

■ 59.7529, -5.6950,  
12.4829

181.0172,  
-13.3089, 23.8458

■ 49.2006, -4.9731,  
11.2234

■ 82.8116, -7.2206,  
14.9811

■ 39.3538, -4.2757,  
9.9447

■ 95.2468, -8.0201,  
16.2282

■ 30.2689, -3.6041,  
8.6344

■ 108.2488, -8.8438,  
17.4787

■ 22.0160, -2.9577,  
7.2713

121.7938, -9.6914,  
18.7350

■ 14.6894, -2.3337,  
5.8179

135.8610,  
-10.5622, 19.9986

■ 8.3476, -1.9838,  
5.8433

150.4316,

0.0000, NaN, NaN

-11.4556, 21.2710

0.0000, NaN, NaN

165.4887,  
-12.3714, 22.5531

0.0000, NaN, NaN

■ 59.7529, -5.6950,  
12.4829

■ 59.7529, -5.6950,  
12.4829

■ 58.8168, -6.8772,  
17.3972

■ 60.7454, -4.2377,  
6.8736

■ 57.9330, -7.7778,  
21.6065

■ 61.7904, -2.5043,  
0.5801

■ 57.1022, -8.3996,  
25.1108

■ 62.8887, -0.5023,  
-6.3792

■ 56.3233, -8.7468,  
27.9175

■ 64.0399, 1.7611,  
-13.9827

■ 55.5946, -8.8276,  
30.0437

■ 65.2430, 4.2772,  
-22.2066

■ 54.9139, -8.6546,  
31.5187

■ 66.4972, 7.0367,  
-31.0246

■ 54.2780, -8.2464,  
32.3870

■ 67.8015, 10.0294,  
-40.4093

■ 53.6816, -7.6325,  
32.7227

■ 68.3738, 9.1354,  
-39.7471

■ 53.4343, -7.3451,  
32.7974

■ 68.9256, 8.1196,  
-38.7680

# Harmonies

## Analogous

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



59.7542, -0.0467, 12.3589



59.7529, -5.6950, 12.4829



59.7542, -10.4968, 10.3049

# Triad

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



59.7542, -5.6966, 12.4837



59.7542, -10.9048, -4.3181



59.7542, 7.6149, 0.2150

# Complementary

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



59.7529, -5.6950, 12.4829



52.4891, 0.3438, -7.8604

# 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.



59.7542, 4.4824, -4.7801



59.7529, -5.6950, 12.4829



59.7542, -6.2726, -7.5595

# Square

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



59.7542, -5.6966, 12.4837



59.7542, -13.4272, 0.7994



59.7542, -0.6445, -7.7361



59.7542, 7.7832, 5.6060



# Rectangle

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



59.7529, -5.6950, 12.4829



59.7542, -12.6271, 7.7103



59.7542, -0.6445, -7.7361



59.7542, 6.8685, -1.5774

# Sweetspot

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



59.7542, -5.6966, 12.4837



81.3835, -5.5281, 8.6662



53.3095, 5.9376, 4.4758



38.0099, -2.6515, 4.3006



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854



# Same Dimension

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



59.7542, -5.6966, 12.4837



79.5073, -8.2339, 19.1756



59.7885, -10.1686, 12.4404



28.4556, -2.2523, 4.2013



46.5257, -6.4675, 28.5557



7.0116, -1.3517, 4.2969



# Inverse Universe

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



52.4891, 0.3438, -7.8604



67.6198, 1.6867, -14.2025



52.5060, 4.7075, -7.7607



26.4298, -0.5755, -1.4531



15.6474, 33.4713, -91.8129



2.9638, 2.6600, -9.4468



# Previews

## White Background



This preview shows how the HunterLab color 59.7529, -5.6950, 12.4829 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 59.7529, -5.6950, 12.4829 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

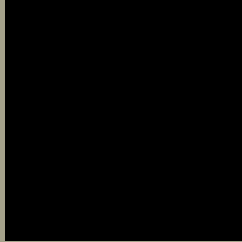
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

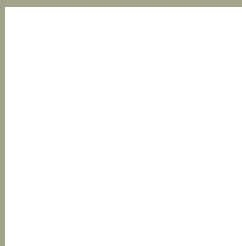
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 59.7529, -5.6950, 12.4829 Background



This preview shows how black text looks on a background with the HunterLab color 59.7529, -5.6950, 12.4829.



This preview shows how white text looks on a background with the HunterLab color 59.7529, -5.6950,



# 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

59.7529, -5.6950, 12.4829

### Protanopia

59.7994, -4.0717, 12.9369

### Deuteranopia

59.6041, 4.1694, 12.1206



## Tritanopia

59.8256, 2.2542, -0.7860

# Trichromacy



## Original Color

59.7529, -5.6950, 12.4829

## Protanomaly

59.7072, -4.3940, 12.8377

## Deuteranomaly

59.7447, 0.2915, 12.1974

## Tritanomaly

59.6861, -0.3625, 4.1887

# Monochromacy



## Original Color

59.7529, -5.6950, 12.4829

## Achromatopsia

59.2902, -3.1636, 3.2213

## Achromatomaly

59.5299, -4.2896, 7.0209

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 59.7529, -5.6950, 12.4829 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(165, 162, 139)` looks like.

```
.text, #text, p{  
    color:rgb(165, 162, 139)  
}
```

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(165, 162, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 162, 139) }
```

## Border

The CSS property to change the border of an element to HunterLab 59.7529, -5.6950, 12.4829 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(165, 162, 139) }
```



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

```
.border{ border-color:rgb(165, 162, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 162, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 162, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 162, 139);  
box-shadow:4px 4px 4px 4px rgb(165, 162,  
139) }
```

# Background

The CSS property to change the background color of an element to HunterLab 59.7529, -5.6950, 12.4829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 162, 139) }
```

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

```
.background{ background-color: rgb(165,  
162, 139) }
```

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