

Converting Colors

HunterLab(49.2748, 2.3559,
6.0381)

Have a look what the booklet for
HunterLab(49.2748, 2.3559, 6.0381)
contains.

HunterLab(49.1738, 2.5427, 5.7219)	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(49.1738, 2.5427,
5.7219)**

Conversions

Conversions Part 1

Format	Color
Hex	958380
RGB	149, 131, 128
RGB Percent	58%, 51%, 50%
CMY	0.4157, 0.4863, 0.4980
CMYK	0.00, 0.12, 0.14, 0.42
HSL	9°, 9%, 54%
HSV	9°, 14%, 58%
XYZ	24.4070, 24.1806, 23.8029
YIQ	136.0400, 11.6910, 2.8830

Conversions

Conversions Part 2

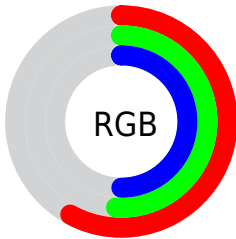
Format	Color
R_{YB}	149, 132, 128
Decimal	9798528
CIE Lab	56.27, 6.30, 4.12
CIE LCh	56, 7.530, 33.169
Yxy	24.1817, 0.3372, 0.3340
Android (android.graphics.Color)	4287988608 (0xFF958380)
YUV	136.0400, -3.9637, 11.3659
Hunter-Lab	49.1738, 2.5427, 5.7219

Details

The HunterLab color $49.1738, 2.5427, 5.7219$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $52.2650, -7.4285, -0.1805$, and the grayscale version is $49.6474, -2.6491, 2.6974$.

A 20% lighter version of the original color is $70.9321, 1.9690, 7.2016$, and $30.3245, 2.6495, 4.2695$ is the 20% darker color. If you saturate the color by 10%, you get $45.3831, 6.6648, 7.6325$, and if you desaturate by 10%, it is $53.1485, -1.3766, 3.7802$.

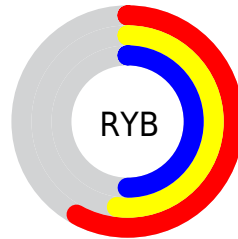
Distribution



Red (58%)

Green (51%)

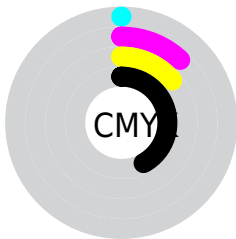
Blue (50%)



Red (58%)

Yellow (52%)

Blue (50%)

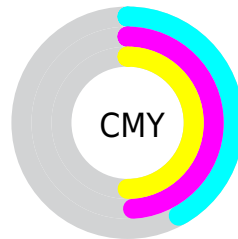


Cyan (0%)

Magenta (12%)

Yellow (14%)

Black (42%)



Cyan (42%)

Magenta (49%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1738, 2.5427, 5.7219 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 49.1738, 2.5427, 5.7219 by changing the saturation by 10% instead.

■ 49.1738, 2.5427,
5.7219

■ 49.1738, 2.5427,
5.7219

165.4502, -1.1793,
13.6553

■ 39.3300, 2.7117,
4.9531

■ 70.9412, 2.0247,
7.3283

■ 30.2470, 2.8132,
4.2039

■ 82.7810, 1.6898,
8.1651

■ 21.9963, 2.8340,
3.4720

■ 95.2148, 1.3095,
9.0247

■ 14.6722, 2.7562,
2.7509

108.2154, 0.8867,
9.9068

■ 8.3309, 2.8519,
2.5034

121.7591, 0.4244,
10.8112

0.0000, NaN, NaN

135.8250, -0.0754,

0.0000, NaN, NaN

11.7377

0.0000, NaN, NaN

150.3943, -0.6105,
12.6858

0.0000, NaN, NaN

■ 49.1738, 2.5427,
5.7219

■ 49.1738, 2.5427,
5.7219

■ 45.3831, 6.6648,
7.6325

■ 53.1485, -1.3766,
3.7802

■ 41.8011, 11.0041,
9.4899

■ 57.2807, -5.1069,
1.8172

■ 38.4631, 15.5519,
11.2642

■ 61.5527, -8.6706,
-0.1592

■ 35.4095, 20.2696,
12.9093

■ 65.9489, -12.0891,
-2.1449

■ 32.6867, 25.0682,
14.3607

■ 70.4564, -15.3817,
-4.1379

■ 30.3446, 29.7886,
15.5368

■ 75.0647, -18.5662,
-6.1372

■ 28.4310, 34.1920,
16.3494

■ 79.7648, -21.6581,
-8.1426

■ 26.9818, 37.9796,
16.7357

■ 84.5491, -24.6708,
-10.1543

■ 26.3387, 39.7621,
16.9259

■ 89.1503, -29.1141,
-8.4952

Harmonies

Analogous

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



49.1749, 3.5616, 2.9938



49.1738, 2.5427, 5.7219



49.1749, 0.1343, 7.5407

Triad

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



49.1749, 2.5412, 5.7227



49.1749, -7.9099, 5.2043



49.1749, -2.2916, -3.4238

Complementary

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



49.1738, 2.5427, 5.7219



52.2650, -7.4285, -0.1805

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.



49.1749, -5.3277, -2.7412



49.1738, 2.5427, 5.7219



49.1749, -8.5230, 2.3575

Square

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



49.1749, 2.5412, 5.7227



49.1749, -5.8931, 7.2549



49.1749, -7.5892, -0.5775



49.1749, 0.7277, -2.3889

Rectangle

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



49.1738, 2.5427, 5.7219



49.1749, -1.9048, 8.0554



49.1749, -7.5892, -0.5775



49.1749, -3.3441, -3.3878

Sweetspot

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



49.1749, 2.5412, 5.7227



71.1317, -1.8486, 5.0555



48.8976, 6.8513, -2.8227



33.3078, -0.7020, 2.4658



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



49.1749, 2.5412, 5.7227



64.1292, 5.1637, 8.4950



52.0449, -2.3852, 8.7627



24.3748, 0.2853, 2.2776



24.2222, 36.2882, 15.5609



3.1222, 2.7407, 1.9719

Inverse Universe

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



52.2650, -7.4285, -0.1805



69.1964, -11.2011, -1.1888



49.2781, -2.6010, -3.8916



25.3423, -2.8331, 0.4299



38.4519, -16.0166, -13.4864



4.6056, -2.2166, -0.9715

Previews

White Background



This preview shows how the HunterLab color 49.1738, 2.5427, 5.7219 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 49.1738, 2.5427, 5.7219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

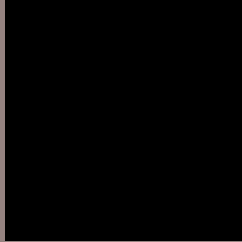
Any Text WCAG AA ✓ Pass

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 49.1738, 2.5427, 5.7219 Background



This preview shows how black text looks on a background with the HunterLab color 49.1738, 2.5427, 5.7219.



This preview shows how white text looks on a background with the HunterLab color 49.1738, 2.5427,

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

49.1738, 2.5427, 5.7219

Protanopia

49.1435, -1.7271, 4.7723

Deuteranopia

49.0949, 3.6756, 5.6534



Tritanopia

49.0394, 5.5001, 0.7823

Trichromacy



Original Color

49.1738, 2.5427, 5.7219

Protanomaly

49.1932, -0.1724, 5.2779

Deuteranomaly

48.9978, 3.3499, 5.5390

Tritanomaly

49.1920, 4.3885, 2.7618

Monochromacy



Original Color

49.1738, 2.5427, 5.7219

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

49.4028, -0.6669, 3.7988

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1738, 2.5427, 5.7219 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(149, 131, 128)` looks like.

```
.text, #text, p{  
    color:rgb(149, 131, 128)  
}
```

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(149, 131, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 131, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1738, 2.5427, 5.7219 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(149, 131, 128) }
```


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

```
.border{ border-color:rgb(149, 131, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 131, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 131, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 131, 128);  
box-shadow:4px 4px 4px 4px rgb(149, 131,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1738, 2.5427, 5.7219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 131, 128) }
```

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

```
.background{ background-color: rgb(149,  
131, 128) }
```

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