

Converting Colors

HunterLab(49.7962, -5.3588,
3.1392)

Have a look what the booklet for
HunterLab(49.7962, -5.3588, 3.1392)
contains.

HunterLab(49.7509, -5.1826, 3.2489)	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(49.7509, -5.1826,
3.2489)

Conversions

Conversions Part 1

Format	Color
Hex	838A87
RGB	131, 138, 135
RGB Percent	51%, 54%, 53%
CMY	0.4863, 0.4588, 0.4706
CMYK	0.05, 0.00, 0.02, 0.46
HSL	154°, 3%, 53%
HSV	154°, 5%, 54%
XYZ	22.8217, 24.7515, 26.4964
YIQ	135.5650, -3.2090, -2.4170

Conversions

Conversions Part 2

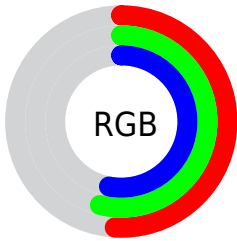
Format	Color
R_{YB}	131, 135, 138
Decimal	8620679
CIE Lab	56.83, -3.16, 0.71
CIE LCh	57, 3.243, 167.356
Yxy	24.7526, 0.3081, 0.3342
Android (android.graphics.Color)	4286810759 (0xFF838A87)
YUV	135.5650, -0.2785, -4.0035
Hunter-Lab	49.7509, -5.1826, 3.2489

Details

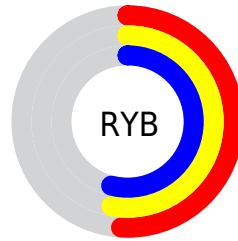
The HunterLab color $49.7509, -5.1826, 3.2489$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $48.3298, 0.0065, 2.1102$, and the grayscale version is $49.4490, -2.6385, 2.6867$.

A 20% lighter version of the original color is $71.4722, -6.5087, 4.4593$, and $30.7069, -3.6923, 2.2626$ is the 20% darker color. If you saturate the color by 10%, you get $48.5396, -9.8513, 4.3328$, and if you desaturate by 10%, it is $51.0884, -0.1952, 2.2695$.

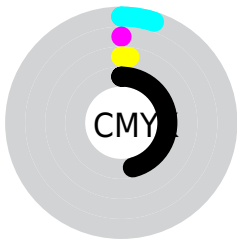
Distribution



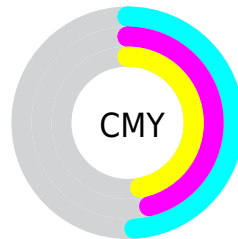
- Red (51%)
- Green (54%)
- Blue (53%)



- Red (51%)
- Yellow (53%)
- Blue (54%)



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (46%)



- Cyan (49%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7509, -5.1826, 3.2489 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 49.7509, -5.1826, 3.2489 by changing the saturation by 10% instead.

■ 49.7509, -5.1826,
3.2489

■ 49.7509, -5.1826,
3.2489

166.3140,
-12.6817, 9.8652

■ 39.8658, -4.4721,
2.6725

■ 71.5930, -6.6823,
4.5091

■ 30.7381, -3.7853,
2.1334

■ 83.4671, -7.4689,
5.1879

■ 22.4383, -3.1222,
1.6350

■ 95.9335, -8.2797,
5.8973

■ 15.0588, -2.4798,
1.1808

108.9654, -9.1144,
6.6362

■ 8.6978, -2.0496,
0.8117

122.5391, -9.9724,
7.4033

0.0000, NaN, NaN

136.6339,

0.0000, NaN, NaN

-10.8533, 8.1978

0.0000, NaN, NaN

151.2311,
-11.7565, 9.0187

0.0000, NaN, NaN

■ 49.7509, -5.1826,
3.2489

■ 49.7509, -5.1826,
3.2489

■ 48.5396, -9.8513,
4.3328

■ 51.0884, -0.1952,
2.2695

■ 47.4547, -14.1573,
5.5123

■ 52.5448, 5.0733,
1.3961

■ 46.4993, -18.0638,
6.7787

■ 54.1164, 10.5822,
0.6312

■ 45.6742, -21.5377,
8.1196

■ 55.7979, 16.2943,
-0.0259

■ 44.9784, -24.5537,
9.5200

■ 57.5840, 22.1758,
-0.5771

■ 44.4090, -27.0970,
10.9623

■ 59.4691, 28.1967,
-1.0261

■ 43.9608, -29.1660,
12.4272

■ 61.4477, 34.3307,
-1.3769

■ 43.6257, -30.7748,
13.8938

■ 63.5146, 40.5555,
-1.6347

■ 43.3903, -31.9663,
15.3375

■ 65.6351, 46.7723,
-1.8435

Harmonies

Analogous

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



49.7520, -4.5666, 4.3643



49.7509, -5.1826, 3.2489



49.7520, -5.1291, 1.9602

Triad

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



49.7520, -5.1837, 3.2497



49.7520, -1.8747, 0.2744



49.7520, -0.8731, 4.5037

Complementary

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



49.7509, -5.1826, 3.2489



48.3298, 0.0065, 2.1102

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.



49.7520, -0.1362, 3.4446



49.7509, -5.1826, 3.2489



49.7520, -0.7188, 0.9930

Square

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



49.7520, -5.1837, 3.2497



49.7520, -3.2285, 0.2188



49.7520, -0.0795, 2.1604



49.7520, -2.0835, 5.0751

Rectangle

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



49.7509, -5.1826, 3.2489



49.7520, -4.7193, 1.1747



49.7520, -0.0795, 2.1604



49.7520, -0.5612, 4.1942

Sweetspot

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



49.7520, -5.1837, 3.2497



66.5726, -4.9169, 3.9051



49.8877, -4.9268, 5.1343



31.5401, -2.2856, 1.8407



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.



49.7520, -5.1837, 3.2497



65.8744, -7.5563, 4.4596



49.7038, -4.4900, 1.8650



23.9405, -2.8125, 1.6359



41.4536, -31.0827, 15.2853



3.4219, -2.2682, 0.6193

Inverse Universe

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



48.3298, 0.0065, 2.1102



63.5966, 0.7574, 2.6349



48.3744, -0.6794, 3.4778



23.0748, 0.3474, 0.9424



22.9085, 40.5144, 4.8573



1.9417, 3.5720, -0.6583

Previews

White Background



This preview shows how the HunterLab color 49.7509, -5.1826, 3.2489 looks on a white background.

Color Contrast Check

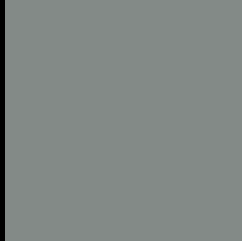
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.7509, -5.1826, 3.2489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

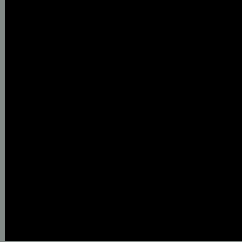
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

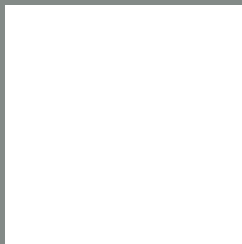
Any Text WCAG AAA × Fail

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

HunterLab 49.7509, -5.1826, 3.2489 Background



This preview shows how black text looks on a background with the HunterLab color 49.7509, -5.1826, 3.2489.



This preview shows how white text looks on a background with the HunterLab color 49.7509, -5.1826, 3.2489.

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

49.7509, -5.1826, 3.2489

Protanopia

49.8182, -2.0681, 3.8191

Deuteranopia

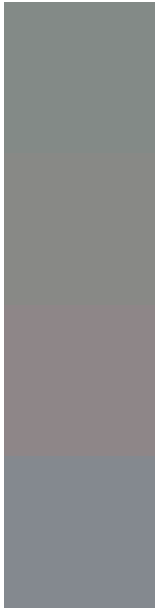
49.6686, 3.2477, 2.8578



Tritanopia

49.7006, -1.7010, -2.3343

Trichromacy



Original Color

49.7509, -5.1826, 3.2489

Protanomaly

49.8466, -3.4289, 3.8280

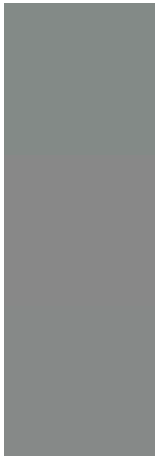
Deuteranomaly

49.5768, 0.0999, 2.6946

Tritanomaly

49.7795, -3.1370, -0.3324

Monochromacy



Original Color

49.7509, -5.1826, 3.2489

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

49.7365, -3.7004, 2.8160

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7509, -5.1826, 3.2489 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(131, 138, 135)` looks like.

```
.text, #text, p{  
    color:rgb(131, 138, 135)  
}
```

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(131, 138, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 138, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7509, -5.1826, 3.2489 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(131, 138, 135) }
```


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

```
.border{ border-color:rgb(131, 138, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 138, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 138, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 138, 135);  
box-shadow:4px 4px 4px 4px rgb(131, 138,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7509, -5.1826, 3.2489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 138, 135) }
```

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

```
.background{ background-color: rgb(131,  
138, 135) }
```

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