

Converting Colors

HunterLab(45.7519, -4.6158,
4.6174)

Have a look what the booklet for
HunterLab(45.7519, -4.6158, 4.6174)
contains.

HunterLab(45.8582, -4.9772, 4.7831)	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(45.8582, -4.9772,
4.7831)

Conversions

Conversions Part 1

Format	Color
Hex	7B8079
RGB	123, 128, 121
RGB Percent	48%, 50%, 47%
CMY	0.5176, 0.4980, 0.5255
CMYK	0.04, 0.00, 0.05, 0.50
HSL	103°, 3%, 49%
HSV	103°, 5%, 50%
XYZ	19.3387, 21.0297, 21.1290
YIQ	125.7070, -0.7330, -3.2370

Conversions

Conversions Part 2

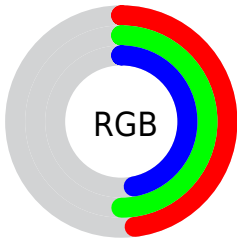
Format	Color
R_{YB}	121, 128, 126
Decimal	8093817
CIE _{Lab}	52.98, -3.26, 3.15
CIE _{LCh}	53, 4.528, 135.995
Yxy	21.0306, 0.3145, 0.3420
Android (android.graphics.Color)	4286283897 (0xFF7B8079)
YUV	125.7070, -2.3206, -2.3740
Hunter-Lab	45.8582, -4.9772, 4.7831

Details

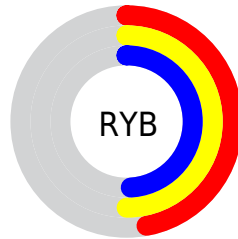
The HunterLab color $45.8582, -4.9772, 4.7831$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44.3502, 0.2209, 0.0294$, and the grayscale version is $45.5719, -2.4316, 2.4760$.

A 20% lighter version of the original color is $67.2152, -6.7642, 6.4256$, and $27.4387, -3.6339, 3.2237$ is the 20% darker color. If you saturate the color by 10%, you get $44.8262, -9.3264, 8.6193$, and if you desaturate by 10%, it is $46.9809, -0.3498, 0.5715$.

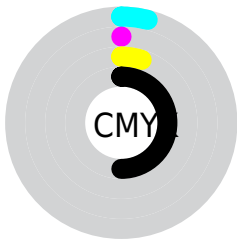
Distribution



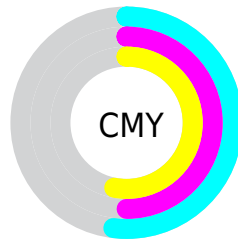
- Red (48%)
- Green (50%)
- Blue (47%)



- Red (47%)
- Yellow (50%)
- Blue (49%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (50%)



- Cyan (52%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.8582, -4.9772, 4.7831 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 45.8582, -4.9772, 4.7831 by changing the saturation by 10% instead.

■ 45.8582, -4.9772,
4.7831

■ 45.8582, -4.9772,
4.7831

160.4498,
-12.4329, 12.2592

■ 36.2580, -4.2706,
4.0793

■ 67.1852, -6.4677,
6.2708

■ 27.4398, -3.5870,
3.4003

■ 78.8232, -7.2494,
7.0530

■ 19.4817, -2.9256,
2.7450

■ 91.0650, -8.0553,
7.8604

■ 12.4890, -2.2815,
2.1086

103.8820, -8.8850,
8.6927

■ 5.7466, -2.7766,
2.5819

117.2497, -9.7381,
9.5492

0.0000, NaN, NaN

131.1462,

0.0000, NaN, NaN

-10.6141, 10.4295

0.0000, NaN, NaN

145.5520,
-11.5125, 11.3329

0.0000, NaN, NaN

■ 45.8582, -4.9772,
4.7831

■ 45.8582, -4.9772,
4.7831

■ 44.8262, -9.3264,
8.6193

■ 46.9809, -0.3498,
0.5715

■ 43.8845, -13.3641,
12.0512

■ 48.1886, 4.5286,
-3.9887

■ 43.0359, -17.0627,
15.0567

■ 49.4789, 9.6273,
-8.8671

■ 42.2817, -20.3961,
17.6179

■ 50.8485, 14.9184,
-14.0342

■ 41.6221, -23.3431,
19.7248

■ 52.2938, 20.3757,
-19.4612

■ 41.0564, -25.8884,
21.3760

■ 53.8113, 25.9756,
-25.1212

■ 40.5829, -28.0246,
22.5820

■ 55.3973, 31.6969,
-30.9891

■ 40.1983, -29.7541,
23.3667

■ 57.0485, 37.5208,
-37.0418

■ 39.8963, -31.1000,
23.7920

■ 58.7614, 43.4310,
-43.2586

Harmonies

Analogous

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



45.8592, -3.4248, 5.6292



45.8582, -4.9772, 4.7831



45.8592, -5.8476, 3.3070

Triad

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



45.8592, -4.9783, 4.7838



45.8592, -3.3064, -0.9074



45.8592, 1.0179, 3.4183

Complementary

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



45.8582, -4.9772, 4.7831



44.3502, 0.2209, 0.0294

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.



45.8592, 1.0508, 1.6704



45.8582, -4.9772, 4.7831



45.8592, -1.4658, -0.8747

Square

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



45.8592, -4.9783, 4.7838



45.8592, -4.8928, -0.0032



45.8592, 0.1355, 0.0844



45.8592, 0.0463, 4.8624

Rectangle

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



45.8582, -4.9772, 4.7831



45.8592, -5.9313, 2.1417



45.8592, 0.1355, 0.0844



45.8592, 1.1396, 2.8480

Sweetspot

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



45.8592, -4.9783, 4.7838



61.3455, -4.5423, 4.4879



45.6801, -2.5609, 4.6240



29.6933, -2.1555, 2.1331



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



45.8592, -4.9783, 4.7838



60.6088, -7.6081, 7.2440



45.7376, -5.3329, 4.0525



22.1693, -2.8084, 2.6725



39.6116, -31.4847, 23.8573

0.0000, NaN, NaN

Inverse Universe

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



44.3502, 0.2209, 0.0294



57.9923, 1.4079, -1.0016



44.4818, 0.5881, 0.8375



21.1968, 0.5428, -0.3924

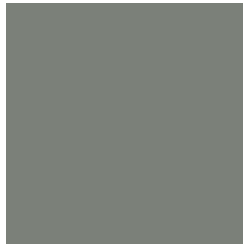


19.4263, 41.2230, -49.1117

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 45.8582, -4.9772, 4.7831 looks on a white background.

Color Contrast Check

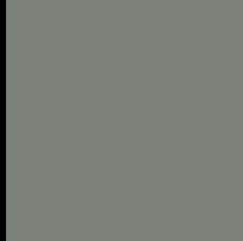
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.8582, -4.9772, 4.7831 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

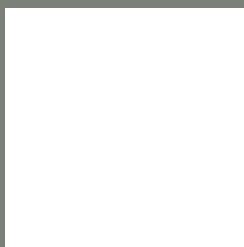
Any Text WCAG AAA × Fail

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

HunterLab 45.8582, -4.9772, 4.7831 Background



This preview shows how black text looks on a background with the HunterLab color 45.8582, -4.9772, 4.7831.



This preview shows how white text looks on a background with the HunterLab color 45.8582, -4.9772, 4.7831.

4.7831.

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

45.8582, -4.9772, 4.7831

Protanopia

45.8515, -2.1584, 5.2384

Deuteranopia

45.7161, 3.1148, 4.3453



Tritanopia

45.8904, -1.1050, -1.8357

Trichromacy



Original Color

45.8582, -4.9772, 4.7831

Protanomaly

45.8768, -3.5104, 5.2431

Deuteranomaly

45.7042, 0.2844, 4.2822

Tritanomaly

45.9375, -2.6829, 0.5453

Monochromacy



Original Color

45.8582, -4.9772, 4.7831

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

45.8192, -3.4960, 3.4973

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.8582, -4.9772, 4.7831 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(123, 128, 121)` looks like.

```
.text, #text, p{  
    color:rgb(123, 128, 121)  
}
```

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(123, 128, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 128, 121) }
```

Border

The CSS property to change the border of an element to HunterLab 45.8582, -4.9772, 4.7831 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(123, 128, 121) }
```


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

```
.border{ border-color:rgb(123, 128, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 128, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 128, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 128, 121);  
box-shadow:4px 4px 4px 4px rgb(123, 128,  
121) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.8582, -4.9772, 4.7831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 128, 121) }
```

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

```
.background{ background-color: rgb(123,  
128, 121) }
```

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