

Converting Colors

HunterLab(45.9247, -4.3374,
7.3799)

Have a look what the booklet for
HunterLab(45.9247, -4.3374, 7.3799)
contains.

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Color

HunterLab(46.1144, -4.3841,
7.4848)

Conversions

Conversions Part 1

Format	Color
Hex	808073
RGB	128, 128, 115
RGB Percent	50%, 50%, 45%
CMY	0.4980, 0.4980, 0.5490
CMYK	0.00, 0.00, 0.10, 0.50
HSL	60°, 5%, 48%
HSV	60°, 10%, 50%
XYZ	19.7158, 21.2654, 19.2852
YIQ	126.5180, 4.1730, -4.0430

Conversions

Conversions Part 2

Format	Color
R_{YB}	115, 128, 115
Decimal	8421491
CIE _{Lab}	53.24, -2.46, 7.06
CIE _{LCh}	53, 7.477, 109.244
Yxy	21.2663, 0.3271, 0.3529
Android (android.graphics.Color)	4286611571 (0xFF808073)
YUV	126.5180, -5.6784, 1.2997
Hunter-Lab	46.1144, -4.3841, 7.4848

Details

The HunterLab color $46.1144, -4.3841, 7.4848$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $41.7917, -0.1062, -3.2246$, and the grayscale version is $45.9009, -2.4492, 2.4939$.

A 20% lighter version of the original color is $67.5733, -5.8411, 9.4584$, and $27.6758, -3.0684, 5.6239$ is the 20% darker color. If you saturate the color by 10%, you get $45.8166, -6.0400, 11.7916$, and if you desaturate by 10%, it is $46.4564, -2.5104, 2.6059$.

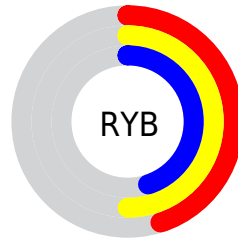
Distribution



Red (50%)

Green (50%)

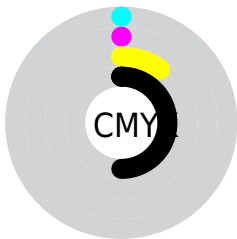
Blue (45%)



Red (45%)

Yellow (50%)

Blue (45%)

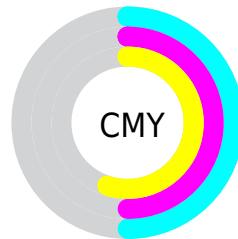


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (50%)



Cyan (50%)

Magenta (50%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.1144, -4.3841, 7.4848 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 46.1144, -4.3841, 7.4848 by changing the saturation by 10% instead.

■ 46.1144, -4.3841,
7.4848

■ 46.1144, -4.3841,
7.4848

160.8386,
-11.5193, 16.5601

■ 36.4949, -3.7247,
6.5418

■ 67.4762, -5.7903,
9.3979

■ 27.6558, -3.0927,
5.5991

■ 79.1300, -6.5335,
10.3729

■ 19.6744, -2.4888,
4.6464

■ 91.3869, -7.3028,
11.3627

■ 12.6553, -1.9110,
3.6628

104.2184, -8.0977,
12.3684

■ 5.9888, -2.1130,
4.1922

117.5999, -8.9174,
13.3907

0.0000, NaN, NaN

131.5097, -9.7613,

0.0000, NaN, NaN

14.4299

0.0000, NaN, NaN

145.9284,
-10.6288, 15.4863

0.0000, NaN, NaN

■ 46.1144, -4.3841,
7.4848

■ 46.1144, -4.3841,
7.4848

■ 45.8166, -6.0400,
11.7916

■ 46.4564, -2.5104,
2.6059

■ 45.5588, -7.4758,
15.5275

■ 46.8403, -0.4161,
-2.8453

■ 45.3410, -8.6960,
18.7019

■ 47.2677, 1.8951,
-8.8618

■ 45.1614, -9.7062,
21.3295

■ 47.7388, 4.4192,
-15.4330

■ 45.0183, -10.5143,
23.4312

■ 48.2538, 7.1507,
-22.5448

■ 44.9093, -11.1312,
25.0348

■ 48.8127, 10.0829,
-30.1798

■ 44.8318, -11.5706,
26.1763

■ 49.4152, 13.2081,
-38.3183

■ 44.7826, -11.8500,
26.9011

■ 50.0609, 16.5178,
-46.9381

■ 44.7511, -12.0290,
27.3648

■ 50.7494, 20.0030,
-56.0157

Harmonies

Analogous

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



46.1154, -1.3605, 7.6747



46.1144, -4.3841, 7.4848



46.1154, -6.8336, 6.0149

Triad

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



46.1154, -4.3853, 7.4855



46.1154, -6.2397, -1.9315



46.1154, 3.4575, 1.4539

Complementary

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



46.1144, -4.3841, 7.4848



41.7917, -0.1062, -3.2246

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.



46.1154, 2.0765, -1.2932



46.1144, -4.3841, 7.4848



46.1154, -3.5554, -3.3306

Square

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



46.1154, -4.3853, 7.4855



46.1154, -7.8847, 0.6281



46.1154, -0.5088, -3.0897



46.1154, 3.2213, 4.3161

Rectangle

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



46.1144, -4.3841, 7.4848



46.1154, -7.8341, 4.4490



46.1154, -0.5088, -3.0897



46.1154, 3.1657, 0.4834

Sweetspot

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



46.1154, -4.3853, 7.4855



61.5036, -4.0854, 5.4211



42.5312, 1.6524, 3.6252



29.7431, -2.0671, 2.8581



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.



46.1154, -4.3853, 7.4855



61.1000, -6.3081, 11.2060



45.5833, -6.2695, 6.8812



22.4040, -2.0372, 3.3954



44.5608, -11.9779, 27.2485

0.0000, NaN, NaN

Inverse Universe

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



41.7917, -0.1062, -3.2246



54.1823, 0.5459, -5.9494



42.3340, 1.7407, -2.4869



20.5226, -0.1761, -1.2628

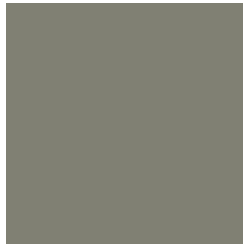


12.4320, 33.7204, -88.3239

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 46.1144, -4.3841, 7.4848 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 46.1144, -4.3841, 7.4848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

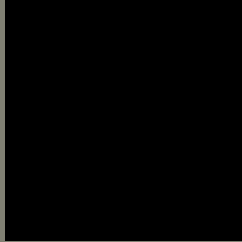
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

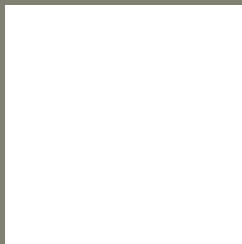
Any Text WCAG AAA × Fail

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

HunterLab 46.1144, -4.3841, 7.4848 Background



This preview shows how black text looks on a background with the HunterLab color 46.1144, -4.3841, 7.4848.



This preview shows how white text looks on a background with the HunterLab color 46.1144, -4.3841, 7.4848.

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

46.1144, -4.3841, 7.4848

Protanopia

46.1510, -2.8590, 7.9362

Deuteranopia

46.1156, 2.7618, 7.2213



Tritanopia

46.0888, 0.9356, -1.0710

Trichromacy



Original Color

46.1144, -4.3841, 7.4848

Protanomaly

46.0640, -3.1627, 7.8386

Deuteranomaly

46.1860, 0.2088, 7.2523

Tritanomaly

46.0717, -0.9562, 2.0912

Monochromacy



Original Color

46.1144, -4.3841, 7.4848

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

45.9574, -3.0675, 4.0898

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.1144, -4.3841, 7.4848 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(128, 128, 115)` looks like.

```
.text, #text, p{  
    color:rgb(128, 128, 115)  
}
```

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(128, 128, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 128, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 46.1144, -4.3841, 7.4848 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(128, 128, 115) }
```


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

```
.border{ border-color:rgb(128, 128, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 128, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 128, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 128, 115);  
box-shadow:4px 4px 4px 4px rgb(128, 128,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.1144, -4.3841, 7.4848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 128, 115) }
```

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

```
.background{ background-color: rgb(128,  
128, 115) }
```

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](#).

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