

Converting Colors

HunterLab(45.2503, -4.2923,
2.9443)

Have a look what the booklet for
HunterLab(45.2503, -4.2923, 2.9443)
contains.

HunterLab(45.2127, -4.1729, 2.7808)	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(45.2127, -4.1729,
2.7808)**

Conversions

Conversions Part 1

Format	Color
Hex	797E7C
RGB	121, 126, 124
RGB Percent	47%, 49%, 49%
CMY	0.5255, 0.5059, 0.5137
CMYK	0.04, 0.00, 0.02, 0.51
HSL	156°, 2%, 48%
HSV	156°, 4%, 49%
XYZ	18.9841, 20.4419, 22.0139
YIQ	124.2770, -2.3380, -1.6820

Conversions

Conversions Part 2

Format	Color
R_{YB}	121, 124, 126
Decimal	7962236
CIE _{Lab}	52.33, -2.27, 0.43
CIE _{LCh}	52, 2.310, 169.203
Yxy	20.4428, 0.3090, 0.3327
Android (android.graphics.Color)	4286152316 (0xFF797E7C)
YUV	124.2770, -0.1366, -2.8739
Hunter-Lab	45.2127, -4.1729, 2.7808

Details

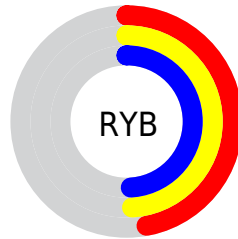
The HunterLab color $45.2127, -4.1729, 2.7808$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44.2051, -0.5667, 2.0943$, and the grayscale version is $45.0052, -2.4014, 2.4452$.

A 20% lighter version of the original color is $66.5275, -5.9056, 4.2847$, and $26.8928, -2.7803, 1.8468$ is the 20% darker color. If you saturate the color by 10%, you get $44.1211, -8.3476, 3.6059$, and if you desaturate by 10%, it is $46.4158, 0.2802, 2.0570$.

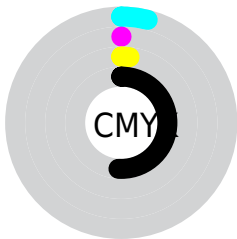
Distribution



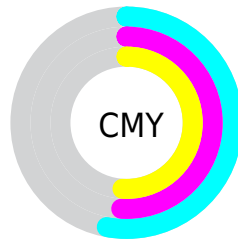
- Red (47%)
- Green (49%)
- Blue (49%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (51%)



- Cyan (53%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.2127, -4.1729, 2.7808 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 45.2127, -4.1729, 2.7808 by changing the saturation by 10% instead.

■ 45.2127, -4.1729,
2.7808

■ 45.2127, -4.1729,
2.7808

159.4685,
-11.2067, 9.1690

■ 35.6613, -3.5278,
2.2370

■ 66.4517, -5.5527,
3.9817

■ 26.8964, -2.9112,
1.7331

■ 78.0494, -6.2838,
4.6332

■ 18.9973, -2.3242,
1.2734

■ 90.2529, -7.0416,
5.3167

■ 12.0720, -1.7651,
0.8624

103.0334, -7.8254,
6.0307

■ 5.0834, -2.2163,
0.6295

116.3661, -8.6345,
6.7740

0.0000, NaN, NaN

130.2288, -9.4682,

0.0000, NaN, NaN

7.5454

0.0000, NaN, NaN

144.6021,
-10.3258, 8.3441

0.0000, NaN, NaN

■ 45.2127, -4.1729,
2.7808

■ 45.2127, -4.1729,
2.7808

■ 44.1211, -8.3476,
3.6059

■ 46.4158, 0.2802,
2.0570

■ 43.1410, -12.2058,
4.5258

■ 47.7238, 4.9793,
1.4343

■ 42.2752, -15.7152,
5.5345

■ 49.1336, 9.8892,
0.9134

■ 41.5247, -18.8470,
6.6227

■ 50.6405, 14.9776,
0.4928

■ 40.8886, -21.5785,
7.7787

■ 52.2398, 20.2154,
0.1696

■ 40.3646, -23.8959,
8.9883

■ 53.9268, 25.5764,
-0.0600

■ 39.9484, -25.7964,
10.2354

■ 55.6966, 31.0380,
-0.2006

■ 39.6333, -27.2904,
11.5022

■ 57.5447, 36.5805,
-0.2571

■ 39.4086, -28.4102,
12.7680

■ 59.4664, 42.1873,
-0.2346

Harmonies

Analogous

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



45.2137, -3.7729, 3.5684



45.2127, -4.1729, 2.7808



45.2137, -4.1065, 1.8928

Triad

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



45.2137, -4.1739, 2.7815



45.2137, -1.8198, 0.8098



45.2137, -1.2298, 3.7414

Complementary

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



45.2127, -4.1729, 2.7808



44.2051, -0.5667, 2.0943

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.



45.2137, -0.6981, 3.0221



45.2127, -4.1729, 2.7808



45.2137, -1.0407, 1.3251

Square

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



45.2137, -4.1739, 2.7815



45.2137, -2.7525, 0.7422



45.2137, -0.6286, 2.1383



45.2137, -2.0764, 4.1151

Rectangle

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



45.2127, -4.1729, 2.7808



45.2137, -3.8048, 1.3626



45.2137, -0.6286, 2.1383



45.2137, -1.0080, 3.5327

Sweetspot

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



45.2137, -4.1739, 2.7815



60.4399, -3.8329, 3.3931



45.2992, -4.0382, 4.1661



28.8313, -1.8071, 1.6147



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



45.2137, -4.1739, 2.7815



59.8112, -6.1924, 3.8090



45.1526, -3.6701, 1.8383



22.2423, -2.3785, 1.4313



39.7952, -29.3845, 13.6922

0.0000, NaN, NaN

Inverse Universe

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



44.2051, -0.5667, 2.0943



58.0886, -0.0308, 2.6355



44.2638, -1.0668, 3.0262



21.5577, 0.0702, 0.9649



21.8856, 38.5731, 5.6667

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 45.2127, -4.1729, 2.7808 looks on a white background.

Color Contrast Check

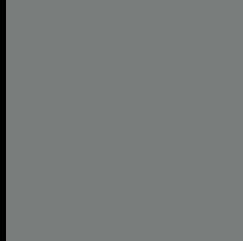
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.2127, -4.1729, 2.7808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

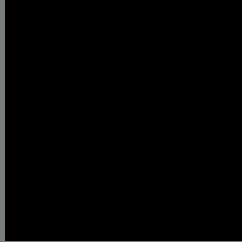
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

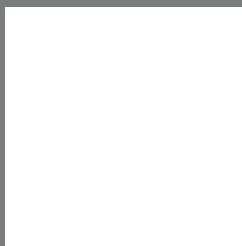
Any Text WCAG AAA × Fail

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

HunterLab 45.2127, -4.1729, 2.7808 Background



This preview shows how black text looks on a background with the HunterLab color 45.2127, -4.1729, 2.7808.



This preview shows how white text looks on a background with the HunterLab color 45.2127, -4.1729,

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

45.2127, -4.1729, 2.7808

Protanopia

45.1192, -1.6736, 3.1486

Deuteranopia

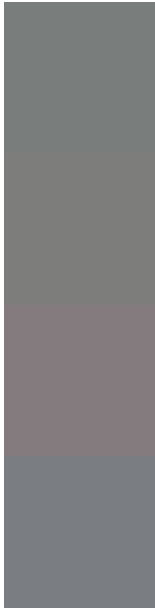
45.2480, 3.0898, 2.5125



Tritanopia

45.1082, -1.0661, -1.8684

Trichromacy



Original Color

45.2127, -4.1729, 2.7808

Protanomaly

45.2297, -2.7228, 3.2585

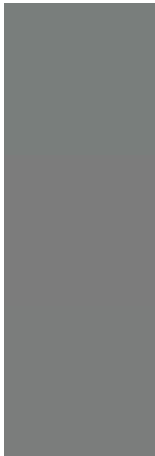
Deuteranomaly

45.2459, 0.2929, 2.4611

Tritanomaly

45.1846, -2.4780, 0.0873

Monochromacy



Original Color

45.2127, -4.1729, 2.7808

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

45.0926, -3.1456, 2.6582

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.2127, -4.1729, 2.7808 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(121, 126, 124)` looks like.

```
.text, #text, p{  
    color:rgb(121, 126, 124)  
}
```

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(121, 126, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 126, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 45.2127, -4.1729, 2.7808 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(121, 126, 124) }
```


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

```
.border{ border-color:rgb(121, 126, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 126, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 126, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 126, 124); box-shadow:4px 4px 4px 4px rgb(121, 126, 124) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.2127, -4.1729, 2.7808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 126, 124) }
```

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

```
.background{ background-color: rgb(121,  
126, 124) }
```

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