

Converting Colors

HunterLab(49.1293, -8.0389,
0.7119)

Have a look what the booklet for
HunterLab(49.1293, -8.0389, 0.7119)
contains.

HunterLab(49.2456, -8.2468, 0.7923)	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(49.2456, -8.2468,
0.7923)

Conversions

Conversions Part 1

Format	Color
Hex	778B8B
RGB	119, 139, 139
RGB Percent	47%, 55%, 55%
CMY	0.5333, 0.4549, 0.4549
CMYK	0.14, 0.00, 0.00, 0.45
HSL	180°, 8%, 51%
HSV	180°, 14%, 55%
XYZ	21.5006, 24.2513, 27.9739
YIQ	133.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

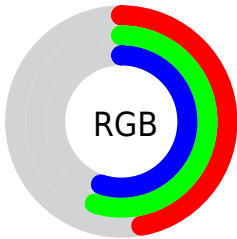
Format	Color
R_{YB}	119, 129, 139
Decimal	7834507
CIE Lab	56.34, -7.15, -2.42
CIE LCh	56, 7.549, 198.705
Yxy	24.2523, 0.2916, 0.3289
Android (android.graphics.Color)	4286024587 (0xFF778B8B)
YUV	133.0200, 2.9481, -12.2955
Hunter-Lab	49.2456, -8.2468, 0.7923

Details

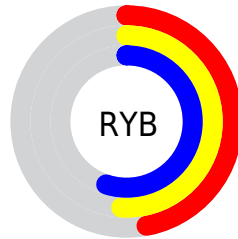
The HunterLab color $49.2456, -8.2468, 0.7923$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $44.7384, 3.7991, 4.5032$, and the grayscale version is $48.4314, -2.5842, 2.6314$.

A 20% lighter version of the original color is $70.8258, -10.1333, 1.7185$, and $30.2789, -6.4081, 0.0389$ is the 20% darker color. If you saturate the color by 10%, you get $48.3111, -11.6428, -0.4117$, and if you desaturate by 10%, it is $50.3079, -4.4770, 2.1328$.

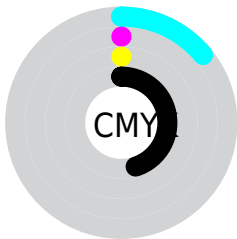
Distribution



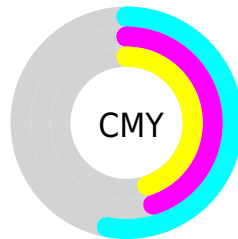
- Red (47%)
- Green (55%)
- Blue (55%)



- Red (47%)
- Yellow (51%)
- Blue (55%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (45%)



- Cyan (53%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.2456, -8.2468, 0.7923 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 49.2456, -8.2468, 0.7923 by changing the saturation by 10% instead.

■ 49.2456, -8.2468,
0.7923

■ 49.2456, -8.2468,
0.7923

165.5577,
-17.3659, 6.2142

■ 39.3966, -7.2996,
0.3868

■ 71.0223, -10.1718,
1.7422

■ 30.3080, -6.3549,
0.0323

■ 82.8663, -11.1527,
2.2782

■ 22.0512, -5.4053,
-0.2636

■ 95.3042, -12.1483,
2.8515

■ 14.7202, -4.4358,
-0.4911

108.3087,
-13.1592, 3.4601

■ 8.3775, -4.1668,
-0.7419

121.8561,
-14.1862, 4.1022

0.0000, NaN, NaN

135.9256,

0.0000, NaN, NaN

-15.2295, 4.7761

0.0000, NaN, NaN

150.4984,
-16.2894, 5.4805

0.0000, NaN, NaN

■ 49.2456, -8.2468,
0.7923

■ 49.2456, -8.2468,
0.7923

■ 48.3111, -11.6428,
-0.4117

■ 50.3079, -4.4770,
2.1328

■ 47.5022, -14.6354,
-1.4723

■ 51.4928, -0.3622,
3.5968

■ 46.8193, -17.2049,
-2.3821

■ 52.7983, 4.0628,
5.1735

■ 46.2602, -19.3392,
-3.1371

■ 54.2204, 8.7632,
6.8510

■ 45.8209, -21.0368,
-3.7370

■ 55.7547, 13.7049,
8.6175

■ 45.4950, -22.3078,
-4.1857

■ 57.3963, 18.8554,
10.4617

■ 45.2738, -23.1763,
-4.4920

■ 59.1403, 24.1846,
12.3733

■ 45.1445, -23.6862,
-4.6715

■ 60.9814, 29.6652,
14.3426

■ 45.0887, -23.9068,
-4.7491

■ 62.9145, 35.2731,
16.3613

Harmonies

Analogous

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



49.2466, -8.4413, 3.7980



49.2456, -8.2468, 0.7923



49.2466, -6.5716, -1.8570

Triad

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



49.2466, -8.2477, 0.7931



49.2466, 2.0127, -1.2834



49.2466, -1.4361, 8.0124

Complementary

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



49.2456, -8.2468, 0.7923



44.7384, 3.7991, 4.5032

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.



49.2466, 1.4390, 6.8238



49.2456, -8.2468, 0.7923



49.2466, 3.4633, 1.5365

Square

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



49.2466, -8.2477, 0.7931



49.2466, -0.6689, -3.1069



49.2466, 3.2507, 4.4963



49.2466, -4.5615, 7.8412

Rectangle

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



49.2456, -8.2468, 0.7923



49.2466, -4.8150, -3.0073



49.2466, 3.2507, 4.4963



49.2466, -0.4069, 7.7618

Sweetspot

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



49.2466, -8.2477, 0.7931



67.3669, -5.8311, 2.9109



48.7276, -11.2149, 8.5929



32.2882, -2.9735, 1.3353



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



49.2466, -8.2477, 0.7931



65.5103, -12.4453, 0.5613



46.4492, -3.8019, -2.6249



23.8508, -3.0254, 0.7087



42.8343, -22.7115, -4.5116



3.4912, -1.8510, -0.3680

Inverse Universe

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



44.7384, 3.7991, 4.5032



58.2581, 6.9553, 6.5368



47.3652, -0.7920, 7.3251



22.4691, 0.6617, 1.8441



22.2578, 38.1172, 14.3814



1.8141, 3.1068, 1.1718

Previews

White Background



This preview shows how the HunterLab color 49.2456, -8.2468, 0.7923 looks on a white background.

Color Contrast Check

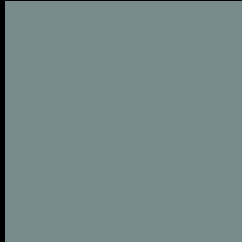
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.2456, -8.2468, 0.7923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

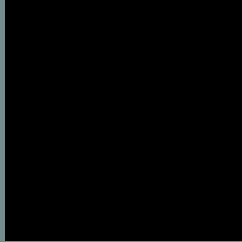
Any Text WCAG AA ✓ Pass

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 49.2456, -8.2468, 0.7923 Background



This preview shows how black text looks on a background with the HunterLab color 49.2456, -8.2468, 0.7923.



This preview shows how white text looks on a background with the HunterLab color 49.2456, -8.2468,

0.7923.

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

49.2456, -8.2468, 0.7923

Protanopia

49.1387, -1.4062, 2.1500

Deuteranopia

49.1685, 3.2661, -0.0321



Tritanopia

49.3761, -5.7229, -3.3171

Trichromacy



Original Color

49.2456, -8.2468, 0.7923

Protanomaly

49.1531, -4.2166, 1.6663

Deuteranomaly

49.1710, -1.0591, 0.3636

Tritanomaly

49.2081, -6.5096, -2.0687

Monochromacy



Original Color

49.2456, -8.2468, 0.7923

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.6481, -4.6347, 1.9598

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.2456, -8.2468, 0.7923 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(119, 139, 139)` looks like.

```
.text, #text, p{  
    color:rgb(119, 139, 139)  
}
```

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(119, 139, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 139, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 49.2456, -8.2468, 0.7923 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(119, 139, 139) }
```


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

```
.border{ border-color:rgb(119, 139, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 139, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 139, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 139, 139);  
box-shadow:4px 4px 4px 4px rgb(119, 139,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.2456, -8.2468, 0.7923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 139, 139) }
```

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

```
.background{ background-color: rgb(119,  
139, 139) }
```

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