

Converting Colors

HunterLab(49.9157, -8.5497,
-0.8347)

Have a look what the booklet for
HunterLab(49.9157, -8.5497,
-0.8347) contains.

HunterLab(49.9148, -8.5692, -0.7341)	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(49.9148, -8.5692,
-0.7341)**

Conversions

Conversions Part 1

Format	Color
Hex	768D90
RGB	118, 141, 144
RGB Percent	46%, 55%, 56%
CMY	0.5372, 0.4470, 0.4353
CMYK	0.18, 0.02, 0.00, 0.44
HSL	187°, 10%, 51%
HSV	187°, 18%, 56%
XYZ	22.0301, 24.9149, 30.0335
YIQ	134.4650, -14.6710, -3.9430

Conversions

Conversions Part 2

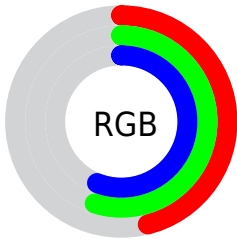
Format	Color
R_{YB}	118, 130, 144
Decimal	7769488
CIE _{Lab}	56.99, -7.49, -4.34
CIE _{LCh}	57, 8.655, 210.098
Yxy	24.9159, 0.2862, 0.3237
Android (android.graphics.Color)	4285959568 (0xFF768D90)
YUV	134.4650, 4.7008, -14.4398
Hunter-Lab	49.9148, -8.5692, -0.7341

Details

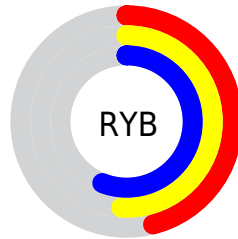
The HunterLab color $49.9148, -8.5692, -0.7341$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $45.7297, 4.3217, 6.0315$, and the grayscale version is $48.9971, -2.6144, 2.6621$.

A 20% lighter version of the original color is $71.8704, -10.8161, 0.0226$, and $30.9120, -6.6548, -1.3799$ is the 20% darker color. If you saturate the color by 10%, you get $48.4742, -11.2591, -2.6008$, and if you desaturate by 10%, it is $51.4739, -5.5184, 1.2288$.

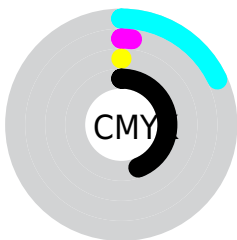
Distribution



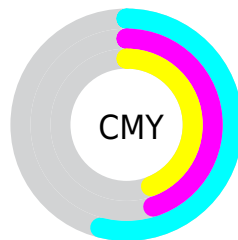
- Red (46%)
- Green (55%)
- Blue (56%)



- Red (46%)
- Yellow (51%)
- Blue (56%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)
- Black (44%)



- Cyan (54%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9148, -8.5692, -0.7341 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 49.9148, -8.5692, -0.7341 by changing the saturation by 10% instead.

■ 49.9148, -8.5692,
-0.7341

■ 49.9148, -8.5692,
-0.7341

166.5590,
-17.8359, 4.0068

■ 40.0180, -7.6012,
-1.0444

■ 71.7780, -10.5321,
0.0411

■ 30.8777, -6.6343,
-1.2971

■ 83.6618, -11.5306,
0.4960

■ 22.5640, -5.6608,
-1.4833

■ 96.1374, -12.5430,
0.9917

■ 15.1689, -4.6652,
-1.5912

109.1781,
-13.5701, 1.5258

■ 8.7989, -4.1784,
-1.6446

122.7603,
-14.6126, 2.0961

0.0000, NaN, NaN

136.8633,

0.0000, NaN, NaN

-15.6709, 2.7007

0.0000, NaN, NaN

151.4684,
-16.7452, 3.3381

0.0000, NaN, NaN

■ 49.9148, -8.5692,
-0.7341

■ 49.9148, -8.5692,
-0.7341

■ 48.4742, -11.2591,
-2.6008

■ 51.4739, -5.5184,
1.2288

■ 47.1522, -13.5568,
-4.3605

■ 53.1443, -2.1354,
3.2726

■ 45.9520, -15.4385,
-5.9996

■ 54.9223, 1.5472,
5.3857

■ 44.8742, -16.8863,
-7.5067

■ 56.8031, 5.4983,
7.5570

■ 43.9177, -17.8917,
-8.8730

■ 58.7815, 9.6883,
9.7764

■ 43.0786, -18.4584,
-10.0938

■ 60.8524, 14.0899,
12.0352

■ 42.3501, -18.6063,
-11.1700

■ 63.0106, 18.6779,
14.3259

■ 41.7095, -18.4194,
-12.1288

■ 65.2513, 23.4301,
16.6424

■ 41.5871, -18.3750,
-12.3138

■ 67.5698, 28.3265,
18.9794

Harmonies

Analogous

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



49.9158, -9.4646, 2.7057



49.9148, -8.5692, -0.7341



49.9158, -6.1027, -3.3968

Triad

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



49.9158, -8.5700, -0.7333



49.9158, 3.5382, -0.7123



49.9158, -2.6780, 8.9188

Complementary

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



49.9148, -8.5692, -0.7341



45.7297, 4.3217, 6.0315

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.



49.9158, 0.8662, 8.1437



49.9148, -8.5692, -0.7341



49.9158, 4.5170, 2.7284

Square

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



49.9158, -8.5700, -0.7333



49.9158, 0.8874, -3.3841



49.9158, 3.5257, 5.9374



49.9158, -6.1228, 8.1337

Rectangle

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



49.9148, -8.5692, -0.7341



49.9158, -3.8623, -4.2861



49.9158, 3.5257, 5.9374



49.9158, -1.4585, 8.8328

Sweetspot

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



49.9158, -8.5700, -0.7333



69.0002, -6.0462, 2.4228



50.1689, -13.5347, 9.4501



32.9767, -3.0279, 1.0791



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



49.9158, -8.5700, -0.7333



65.4302, -13.0132, -2.0807



46.2694, -2.7453, -5.3483



24.5186, -2.8089, 0.4806



38.8358, -17.1826, -11.4491



4.0458, -1.9899, -0.7612

Inverse Universe

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



45.6177, 9.3385, -4.4804



58.4147, 16.4169, -8.3228



49.1707, -1.6755, 9.6020



23.4531, 1.5772, -0.4114



25.5125, 48.9649, -24.3967



2.5337, 4.9244, -2.9003

Previews

White Background



This preview shows how the HunterLab color 49.9148, -8.5692, -0.7341 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 49.9148, -8.5692, -0.7341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

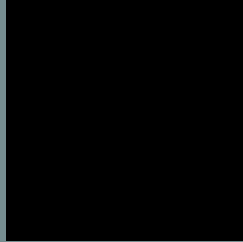
Any Text WCAG AA ✓ Pass

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 49.9148, -8.5692, -0.7341 Background



This preview shows how black text looks on a background with the HunterLab color 49.9148, -8.5692, -0.7341.



This preview shows how white text looks on a background with the HunterLab color 49.9148, -8.5692, -0.7341.

-0.7341.

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

49.9148, -8.5692, -0.7341

Protanopia

49.9346, -1.2606, 0.8270

Deuteranopia

49.9614, 3.4226, -1.4259



Tritanopia

49.9124, -6.6241, -4.1392

Trichromacy



Original Color

49.9148, -8.5692, -0.7341

Protanomaly

49.9552, -4.0552, 0.3380

Deuteranomaly

49.8868, -1.1828, -1.1181

Tritanomaly

49.8159, -7.1610, -2.7744

Monochromacy



Original Color

49.9148, -8.5692, -0.7341

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

49.3107, -5.0806, 1.3853

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9148, -8.5692, -0.7341 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(118, 141, 144)` looks like.

```
.text, #text, p{  
    color:rgb(118, 141, 144)  
}
```

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(118, 141, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 141, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9148, -8.5692, -0.7341 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(118, 141, 144) }
```


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

```
.border{ border-color:rgb(118, 141, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 141, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 141, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 141, 144); box-shadow:4px 4px 4px 4px rgb(118, 141, 144) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9148, -8.5692, -0.7341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 141, 144) }
```

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

```
.background{ background-color: rgb(118,  
141, 144) }
```

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