

Converting Colors

HunterLab(68.2519, -28.4433,
11.0238)

Have a look what the booklet for
HunterLab(68.2519, -28.4433,
11.0238) contains.

HunterLab(68.1508, -28.2392, 10.9443)	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(68.1508,
-28.2392, 10.9443)**

Conversions

Conversions Part 1

Format	Color
Hex	7CC4A4
RGB	124, 196, 164
RGB Percent	49%, 77%, 64%
CMY	0.5137, 0.2314, 0.3569
CMYK	0.37, 0.00, 0.16, 0.23
HSL	153°, 38%, 63%
HSV	153°, 37%, 77%
XYZ	34.7530, 46.4453, 42.2552
YIQ	170.8240, -32.6400, -25.2160

Conversions

Conversions Part 2

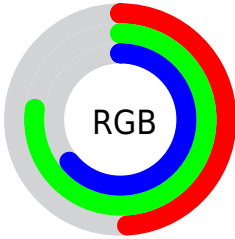
Format	Color
RYB	124, 170, 196
Decimal	8176804
CIELab	73.83, -29.68, 9.00
CIELCh	74, 31.013, 163.123
Yxy	46.4472, 0.2815, 0.3762
Android (android.graphics.Color)	4286366884 (0xFF7CC4A4)
YUV	170.8240, -3.3642, -41.0646
Hunter-Lab	68.1508, -28.2392, 10.9443

Details

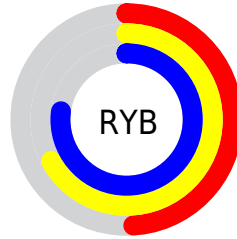
The HunterLab color **68.1508, -28.2392, 10.9443** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **53.4346, 26.6651, -1.5082**, and the grayscale version is **63.7670, -3.4024, 3.4646**.

A 20% lighter version of the original color is **92.1676, -32.5000, 13.1128**, and **46.7498, -23.7902, 8.9494** is the 20% darker color. If you saturate the color by 10%, you get **66.9515, -33.3501, 13.0964**, and if you desaturate by 10%, it is **69.5566, -22.4403, 8.8917**.

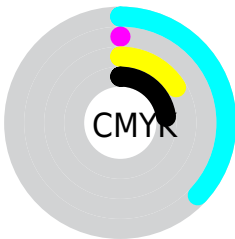
Distribution



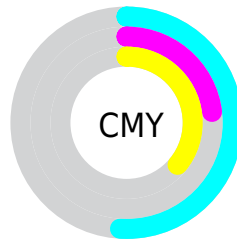
- Red (49%)
- Green (77%)
- Blue (64%)



- Red (49%)
- Yellow (67%)
- Blue (77%)



- Cyan (37%)
- Magenta (0%)
- Yellow (16%)
- Black (23%)



- Cyan (51%)
- Magenta (23%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.1508, -28.2392, 10.9443 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 68.1508, -28.2392, 10.9443 by changing the saturation by 10% instead.

■ 68.1508, -28.2392,
10.9443

■ 68.1508, -28.2392,
10.9443

193.0295,
-46.5032, 21.0509

■ 57.0954, -26.0125,
9.8782

■ 92.1346, -32.5132,
13.1022

■ 46.7112, -23.7000,
8.8143

■ 104.9995,
-34.5832, 14.1966

■ 37.0462, -21.2748,
7.7478

■ 118.4131,
-36.6206, 15.3037

■ 28.1587, -18.6954,
6.6696

132.3536,
-38.6317, 16.4241

■ 20.1237, -15.8946,
5.5641

146.8020,
-40.6218, 17.5586

■ 13.0436, -12.8191,
4.4029

161.7409,

■ 6.5156, -11.4024,

-42.5948, 18.7077

4.5609

177.1548,
-44.5544, 19.8717

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.1508, -28.2392,
10.9443

■ 68.1508, -28.2392,
10.9443

■ 66.9515, -33.3501,
13.0964

■ 69.5566, -22.4403,
8.8917

■ 65.9522, -37.7329,
15.3192

■ 71.1640, -16.0014,
6.9582

■ 65.1486, -41.3704,
17.5835

■ 72.9715, -8.9840,
5.1623

■ 64.5308, -44.2674,
19.8568


■ 74.9740, -1.4532,
3.5166


■ 64.0844, -46.4571,


■ 77.1649, 6.5246,


22.1044


2.0295


 63.7862, -48.0162,
24.2881

 79.5367, 14.8849,
0.7052

 63.7050, -48.4532,
24.9707

 81.3492, 21.2617,
-1.4098

 81.6484, 22.8039,
-5.6485

 81.9615, 24.4122,
-10.0680

Harmonies

Analogous

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



68.1522, -21.6102, 20.3178



68.1508, -28.2392, 10.9443



68.1522, -28.6412, -2.5674

Triad

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



68.1522, -28.2402, 10.9451



68.1522, 2.7829, -27.3738



68.1522, 17.8464, 19.4154

Complementary

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



68.1508, -28.2392, 10.9443



53.4346, 26.6651, -1.5082

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.



68.1522, 25.5819, 9.4413



68.1508, -28.2392, 10.9443



68.1522, 16.4095, -18.5367

Square

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



68.1522, -28.2402, 10.9451



68.1522, -11.5198, -26.7357



68.1522, 25.0352, -4.4178



68.1522, 4.6147, 24.4636

Rectangle

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



68.1508, -28.2392, 10.9443



68.1522, -25.3819, -12.3694



68.1522, 25.0352, -4.4178



68.1522, 21.2232, 16.6287

Sweetspot

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



68.1522, -28.2402, 10.9451



97.1008, -16.3736, 7.9965



69.3145, -25.5863, 25.9518



44.7685, -8.1766, 3.8538

0.0000, NaN, NaN



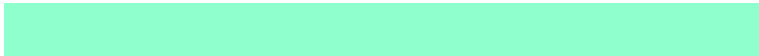
46.2646, -2.4686, 2.5136

Same Dimension

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



68.1522, -28.2402, 10.9451



90.4190, -43.5584, 17.0256



67.9321, -21.0940, -4.0925



33.6904, -5.0570, 2.6123



51.0813, -38.7323, 19.7648



10.6823, -7.6546, 3.1721

Inverse Universe

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



53.4346, 26.6651, -1.5082



66.8434, 44.9081, -2.6045



53.4100, 20.4019, 12.0993



31.8600, 1.7001, 1.0247



28.2858, 50.0670, 5.6681



5.9962, 10.8313, -0.4865

Previews

White Background



This preview shows how the HunterLab color 68.1508, -28.2392, 10.9443 looks on a white background.

Color Contrast Check

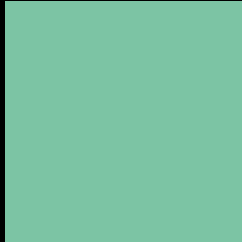
Large Text (above 18pt) WCAG AA × Fail

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 68.1508, -28.2392, 10.9443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

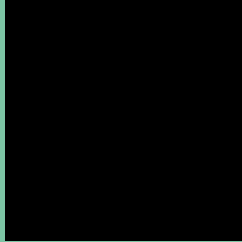
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 68.1508, -28.2392, 10.9443 Background



This preview shows how black text looks on a background with the HunterLab color 68.1508, -28.2392, 10.9443.



This preview shows how white text looks on a background with the HunterLab color 68.1508,

-28.2392, 10.9443.

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

68.1508, -28.2392, 10.9443

Protanopia

67.8159, -4.0298, 14.2191

Deuteranopia

67.7002, 5.2511, 8.9354



Tritanopia

67.9862, -16.3024, -8.7624

Trichromacy



Original Color

68.1508, -28.2392, 10.9443

Protanomaly

67.6225, -13.9600, 12.6651

Deuteranomaly

67.2641, -8.4889, 9.0741

Tritanomaly

67.9432, -20.7754, -1.0083

Monochromacy



Original Color

68.1508, -28.2392, 10.9443

Achromatopsia

63.8154, -3.4050, 3.4672

Achromatomaly

65.0690, -13.1509, 6.1093

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.1508, -28.2392, 10.9443 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(124, 196, 164)` looks like.

```
.text, #text, p{  
    color:rgb(124, 196, 164)  
}
```

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(124, 196, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 196, 164) }
```

Border

The CSS property to change the border of an element to HunterLab 68.1508, -28.2392, 10.9443 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(124, 196, 164) }
```


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

```
.border{ border-color:rgb(124, 196, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 196, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 196, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 196, 164);  
box-shadow:4px 4px 4px 4px rgb(124, 196,  
164) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.1508, -28.2392, 10.9443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 196, 164) }
```

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

```
.background{ background-color: rgb(124,  
196, 164) }
```

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