

Converting Colors

HunterLab(68.8449, -20.4625,
10.7989)

Have a look what the booklet for
HunterLab(68.8449, -20.4625,
10.7989) contains.

HunterLab(68.8310, -20.5327, 10.9783)	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(68.8310,
-20.5327, 10.9783)**

Conversions

Conversions Part 1

Format	Color
Hex	96C1A6
RGB	150, 193, 166
RGB Percent	59%, 76%, 65%
CMY	0.4118, 0.2431, 0.3490
CMYK	0.22, 0.00, 0.14, 0.24
HSL	142°, 26%, 67%
HSV	142°, 22%, 76%
XYZ	38.5305, 47.3771, 43.1902
YIQ	177.0650, -16.9610, -17.5130

Conversions

Conversions Part 2

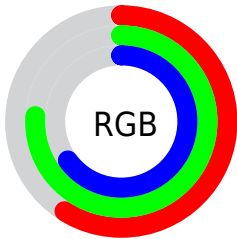
Format	Color
RYB	150, 181, 193
Decimal	9879974
CIELab	74.43, -19.74, 8.96
CIELCh	74, 21.679, 155.574
Yxy	47.3791, 0.2985, 0.3670
Android (android.graphics.Color)	4288070054 (0xFF96C1A6)
YUV	177.0650, -5.4550, -23.7360
Hunter-Lab	68.8310, -20.5327, 10.9783

Details

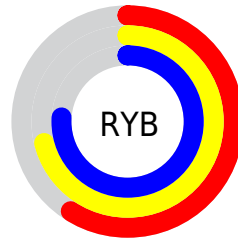
The HunterLab color **68.8310, -20.5327, 10.9783** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60.2707, 15.4679, -3.5109**, and the grayscale version is **66.3620, -3.5409, 3.6056**.

A 20% lighter version of the original color is **93.0434, -23.9035, 13.3238**, and **47.1983, -17.1439, 8.7852** is the 20% darker color. If you saturate the color by 10%, you get **67.2847, -26.9987, 14.0939**, and if you desaturate by 10%, it is **70.5899, -13.4182, 7.8318**.

Distribution



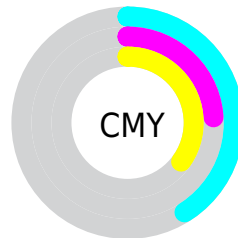
- Red (59%)
- Green (76%)
- Blue (65%)



- Red (59%)
- Yellow (71%)
- Blue (76%)



- Cyan (22%)
- Magenta (0%)
- Yellow (14%)
- Black (24%)



- Cyan (41%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.8310, -20.5327, 10.9783 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 68.8310, -20.5327, 10.9783 by changing the saturation by 10% instead.

■ 68.8310, -20.5327,
10.9783

■ 68.8310, -20.5327,
10.9783

193.9911,
-34.7899, 21.0770

■ 57.7368, -18.8804,
9.9140

■ 92.8866, -23.7641,
13.1335

■ 47.3112, -17.1876,
8.8524

■ 105.7849,
-25.3545, 14.2269

■ 37.6018, -15.4397,
7.7888

119.2304,
-26.9350, 15.3330

■ 28.6660, -13.6129,
6.7143

133.2018,
-28.5091, 16.4527

■ 20.5776, -11.6686,
5.6143

147.6799,
-30.0796, 17.5865

■ 13.4369, -9.5381,
4.4613

162.6477,

■ 7.0043, -12.2575,

-31.6487, 18.7350

4.9030

178.0894,
-33.2183, 19.8984

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.8310, -20.5327,
10.9783

■ 68.8310, -20.5327,
10.9783

■ 67.2847, -26.9987,
14.0939

■ 70.5899, -13.4182,
7.8318

■ 65.9493, -32.7466,
17.1412

■ 72.5520, -5.7244,
4.6831

■ 64.8261, -37.7244,
20.0842

■ 74.7120, 2.4725,
1.5602

■ 63.9117, -41.8965,
22.8857

■ 77.0617, 11.0989,
-1.5144

■ 63.1984, -45.2508,

■ 79.5924, 20.0854,

25.5097

-4.5230

■ 62.6742, -47.8040,
27.9231

■ 81.0043, 25.3825,
-9.2519

■ 62.3209, -49.6074,
30.0963

■ 81.4594, 27.7029,
-15.6501

■ 62.1346, -50.6063,
31.5817

■ 81.6221, 28.5293,
-17.9281

Harmonies

Analogous

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



68.8324, -14.6489, 17.1820



68.8310, -20.5327, 10.9783



68.8324, -22.0154, 1.9220

Triad

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



68.8324, -20.5339, 10.9792



68.8324, -1.7736, -17.3715



68.8324, 12.8995, 13.6810

Complementary

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



68.8310, -20.5327, 10.9783



60.2707, 15.4679, -3.5109

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.



68.8324, 16.8094, 5.5229



68.8310, -20.5327, 10.9783



68.8324, 8.0296, -13.0984

Square

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



68.8324, -20.5339, 10.9792



68.8324, -11.5498, -15.3562



68.8324, 14.9778, -4.3671



68.8324, 4.5676, 18.5767

Rectangle

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



68.8310, -20.5327, 10.9783



68.8324, -20.3852, -4.7443



68.8324, 14.9778, -4.3671



68.8324, 14.7958, 11.2773

Sweetspot

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



68.8324, -20.5339, 10.9792



95.7915, -12.7231, 8.2998



70.5114, -15.1445, 18.9209



44.2949, -6.1818, 3.9625



98.8636, -5.2751, 5.3714



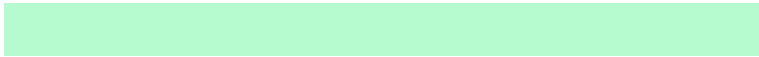
45.2661, -2.4153, 2.4594

Same Dimension

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



68.8324, -20.5339, 10.9792



91.0150, -32.0432, 16.8447



69.4444, -17.0477, 2.2241



33.6444, -5.3136, 3.2700



50.6867, -41.1829, 25.5481



10.5992, -8.1669, 4.3820

Inverse Universe

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



60.2707, 15.4679, -3.5109



77.0465, 26.8029, -6.7597



59.6175, 12.0742, 5.7845



31.9091, 1.9633, 0.3269



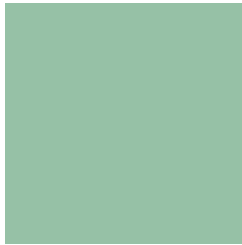
29.1169, 53.0821, -6.1353



6.1585, 11.4148, -2.7497

Previews

White Background



This preview shows how the HunterLab color 68.8310, -20.5327, 10.9783 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 68.8310, -20.5327, 10.9783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

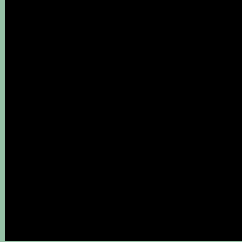
Any Text WCAG AA ✓ Pass

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 68.8310, -20.5327, 10.9783 Background



This preview shows how black text looks on a background with the HunterLab color 68.8310, -20.5327, 10.9783.



This preview shows how white text looks on a background with the HunterLab color 68.8310, -20.5327, 10.9783.

-20.5327, 10.9783.

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

68.8310, -20.5327, 10.9783

Protanopia

68.6078, -4.1326, 13.4626

Deuteranopia

68.4795, 4.9232, 9.7839



Tritanopia

68.8813, -9.9735, -6.3629

Trichromacy



Original Color

68.8310, -20.5327, 10.9783

Protanomaly

68.5249, -10.5520, 12.4642

Deuteranomaly

68.2622, -4.9167, 9.8002

Tritanomaly

68.8583, -14.1300, 0.2369

Monochromacy



Original Color

68.8310, -20.5327, 10.9783

Achromatopsia

66.3066, -3.5380, 3.6026

Achromatomaly

67.1562, -10.1073, 6.3001

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.8310, -20.5327, 10.9783 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(150, 193, 166)` looks like.

```
.text, #text, p{  
    color:rgb(150, 193, 166)  
}
```

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(150, 193, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 193, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 68.8310, -20.5327, 10.9783 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(150, 193, 166) }
```


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

```
.border{ border-color:rgb(150, 193, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 193, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 193, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 193, 166); box-shadow:4px 4px 4px 4px rgb(150, 193, 166) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.8310, -20.5327, 10.9783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 193, 166) }
```

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

```
.background{ background-color: rgb(150,  
193, 166) }
```

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