

Converting Colors

HunterLab(70.1089, -30.5630,
15.1440)

Have a look what the booklet for
HunterLab(70.1089, -30.5630,
15.1440) contains.

HunterLab(70.2132, -30.8581, 15.4094)	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(70.2132,
-30.8581, 15.4094)**

Conversions

Conversions Part 1

Format	Color
Hex	80CA9E
RGB	128, 202, 158
RGB Percent	50%, 79%, 62%
CMY	0.4980, 0.2078, 0.3804
CMYK	0.37, 0.00, 0.22, 0.21
HSL	144°, 41%, 65%
HSV	144°, 37%, 79%
XYZ	36.1942, 49.2989, 39.9558
YIQ	174.8580, -29.9800, -29.3720

Conversions

Conversions Part 2

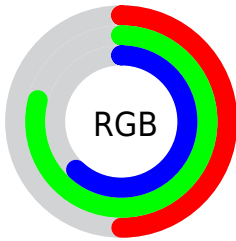
Format	Color
RYB	128, 181, 202
Decimal	8440478
CIELab	75.64, -32.57, 14.81
CIELCh	76, 35.783, 155.553
Yxy	49.3010, 0.2885, 0.3930
Android (android.graphics.Color)	4286630558 (0xFF80CA9E)
YUV	174.8580, -8.3110, -41.0945
Hunter-Lab	70.2132, -30.8581, 15.4094

Details

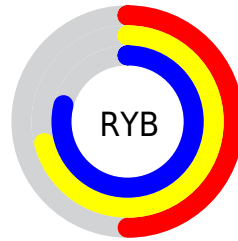
The HunterLab color **70.2132, -30.8581, 15.4094** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **55.6548, 29.3693, -6.7726**, and the grayscale version is **65.4591, -3.4927, 3.5565**.

A 20% lighter version of the original color is **92.9470, -33.4134, 16.5328**, and **48.3992, -25.7292, 12.3330** is the 20% darker color. If you saturate the color by 10%, you get **68.9157, -36.5031, 18.4339**, and if you desaturate by 10%, it is **71.7360, -24.4443, 12.3379**.

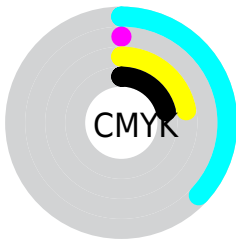
Distribution



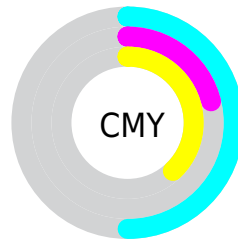
- Red (50%)
- Green (79%)
- Blue (62%)



- Red (50%)
- Yellow (71%)
- Blue (79%)



- Cyan (37%)
- Magenta (0%)
- Yellow (22%)
- Black (21%)



- Cyan (50%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.2132, -30.8581, 15.4094 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 70.2132, -30.8581, 15.4094 by changing the saturation by 10% instead.

■ 70.2132, -30.8581,
15.4094

■ 70.2132, -30.8581,
15.4094

195.9403,
-50.2569, 27.7745

■ 59.0409, -28.4759,
14.0225

■ 94.4131, -35.4206,
18.1523

■ 48.5322, -25.9986,
12.6138

■ 107.3786,
-37.6252, 19.5167

■ 38.7336, -23.3979,
11.1725

■ 120.8887,
-39.7919, 20.8812

■ 29.7009, -20.6306,
9.6812

134.9222,
-41.9274, 22.2483

■ 21.5056, -17.6277,
8.1117

149.4603,
-44.0375, 23.6198

■ 14.2439, -14.2711,
6.4339

164.4860,

■ 7.9005, -13.8259,

-46.1267, 24.9973

5.5304

179.9840,
-48.1988, 26.3818

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.2132, -30.8581,
15.4094

■ 70.2132, -30.8581,
15.4094

■ 68.9157, -36.5031,
18.4339

■ 71.7360, -24.4443,
12.3379

■ 67.8372, -41.3288,
21.3715

■ 73.4782, -17.3209,
9.2526

■ 66.9737, -45.3105,
24.1849

■ 75.4372, -9.5616,
6.1860

■ 66.3151, -48.4491,
26.8367


■ 77.6068, -1.2432,
3.1656


■ 65.8459, -50.7778,


■ 79.9791, 7.5568,


29.2923


0.2140


 65.5421, -52.3764,
31.5180

 82.5453, 16.7646,
-2.6511

 65.4603, -52.8188,
32.2010

 83.6173, 21.0333,
-7.7166

 84.0622, 23.3292,
-13.9814

 84.0969, 23.5078,
-14.4686

Harmonies

Analogous

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



70.2146, -21.6010, 24.5449



70.2132, -30.8581, 15.4094



70.2146, -33.1554, 0.7758

Triad

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



70.2146, -30.8592, 15.4102



70.2146, -0.5896, -34.2600



70.2146, 24.5784, 19.4749

Complementary

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



70.2132, -30.8581, 15.4094



55.6548, 29.3693, -6.7726

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.



70.2146, 31.4658, 6.7375



70.2132, -30.8581, 15.4094



70.2146, 16.0837, -26.1346

Square

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



70.2146, -30.8592, 15.4102



70.2146, -16.6525, -30.3923



70.2146, 28.2199, -10.1554



70.2146, 10.1567, 26.4754

Rectangle

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



70.2132, -30.8581, 15.4094



70.2146, -30.6365, -10.8027



70.2146, 28.2199, -10.1554



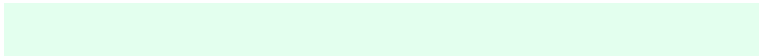
70.2146, 27.9104, 15.8511

Sweetspot

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



70.2146, -30.8592, 15.4102



96.9715, -17.0973, 9.8457



72.5382, -23.2946, 27.5971



44.7017, -8.5512, 4.8090

0.0000, NaN, NaN



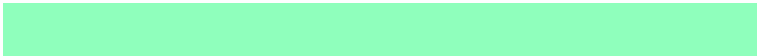
46.2646, -2.4686, 2.5136

Same Dimension

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



70.2146, -30.8592, 15.4102



89.9916, -46.0891, 23.1936



71.2422, -24.8798, 0.6908



35.5121, -5.5816, 3.3348



52.5254, -42.2703, 25.5973



11.9926, -9.2134, 4.8994

Inverse Universe

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



55.6548, 29.3693, -6.7726



67.4343, 47.7063, -10.9426



54.5495, 23.9074, 8.9565



33.6508, 2.0467, 0.4707



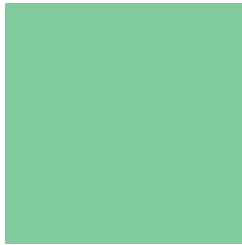
29.9539, 54.2761, -3.7378



6.9114, 12.7162, -2.3575

Previews

White Background



This preview shows how the HunterLab color 70.2132, -30.8581, 15.4094 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 70.2132, -30.8581, 15.4094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

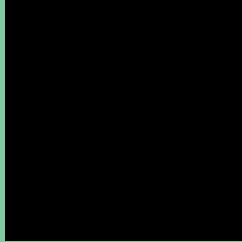
Any Text WCAG AA ✓ Pass

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 70.2132, -30.8581, 15.4094 Background



This preview shows how black text looks on a background with the HunterLab color 70.2132, -30.8581, 15.4094.



This preview shows how white text looks on a background with the HunterLab color 70.2132, -30.8581, 15.4094.

-30.8581, 15.4094.

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

70.2132, -30.8581, 15.4094

Protanopia

69.8357, -4.9434, 18.4489

Deuteranopia

69.9154, 5.0020, 13.7847



Tritanopia

70.1586, -16.1222, -9.1317

Trichromacy



Original Color

70.2132, -30.8581, 15.4094



Protanomaly

69.5213, -15.3813, 16.8677



Deuteranomaly

69.2370, -9.6376, 13.6207



Tritanomaly

70.2459, -22.0492, 0.8078

Monochromacy



Original Color

70.2132, -30.8581, 15.4094



Achromatopsia

65.4745, -3.4936, 3.5574



Achromatomaly

66.9564, -14.2402, 7.7706

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.2132, -30.8581, 15.4094 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(128, 202, 158)` looks like.

```
.text, #text, p{  
    color:rgb(128, 202, 158)  
}
```

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(128, 202, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 202, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 70.2132, -30.8581, 15.4094 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(128, 202, 158) }
```


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

```
.border{ border-color:rgb(128, 202, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 202, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 202, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 202, 158);  
box-shadow:4px 4px 4px 4px rgb(128, 202,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.2132, -30.8581, 15.4094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 202, 158) }
```

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

```
.background{ background-color: rgb(128,  
202, 158) }
```

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