

Converting Colors

HunterLab(61.9505, -29.4100,
-1.1570)

Have a look what the booklet for
HunterLab(61.9505, -29.4100,
-1.1570) contains.

HunterLab(61.9505, -29.4100, -1.1570)	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(61.9505,
-29.4100, -1.1570)**

Conversions

Conversions Part 1

Format	Color
Hex	49B7AF
RGB	73, 183, 175
RGB Percent	29%, 72%, 69%
CMY	0.7137, 0.2823, 0.3137
CMYK	0.60, 0.00, 0.04, 0.28
HSL	176°, 43%, 50%
HSV	176°, 60%, 72%
XYZ	27.4190, 38.3786, 46.5202
YIQ	149.1980, -62.9920, -25.8080

Conversions

Conversions Part 2

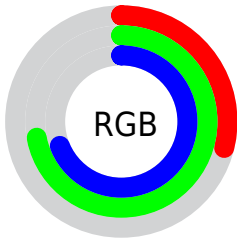
Format	Color
RYB	73, 130, 183
Decimal	4831151
CIELab	68.30, -32.98, -5.29
CIELCh	68, 33.403, 189.113
Yxy	38.3801, 0.2441, 0.3417
Android (android.graphics.Color)	4283021231 (0xFF49B7AF)
YUV	149.1980, 12.7204, -66.8256
Hunter-Lab	61.9505, -29.4100, -1.1570

Details

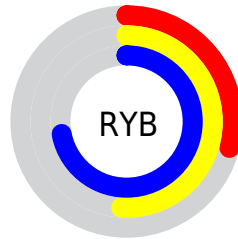
The HunterLab color **61.9505, -29.4100, -1.1570** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **39.2780, 37.5943, 13.1083**, and the grayscale version is **54.8717, -2.9278, 2.9813**.

A 20% lighter version of the original color is **85.1074, -33.9565, -0.3049**, and **41.3891, -23.1562, -1.7451** is the 20% darker color. If you saturate the color by 10%, you get **61.4128, -31.6071, -1.2087**, and if you desaturate by 10%, it is **62.6544, -26.6033, -0.8906**.

Distribution



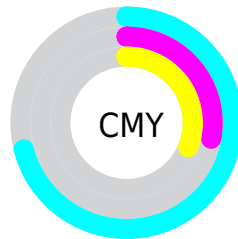
- Red (29%)
- Green (72%)
- Blue (69%)



- Red (29%)
- Yellow (51%)
- Blue (72%)



- Cyan (60%)
- Magenta (0%)
- Yellow (4%)
- Black (28%)



- Cyan (71%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.9505, -29.4100, -1.1570 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 61.9505, -29.4100, -1.1570 by changing the saturation by 10% instead.

61.9505, -29.4100,
-1.1570

61.9505, -29.4100,
-1.1570

184.1868,
-49.2117, 3.6345

51.2619, -26.9354,
-1.4816

85.2587, -34.1106,
-0.3615

41.2694, -24.3438,
-1.7529

97.8096, -36.3694,
0.1007

32.0266, -21.5960,
-1.9637

110.9223,
-38.5827, 0.6024

23.6002, -18.6308,
-2.1058

124.5737,
-40.7592, 1.1414

16.0787, -15.3453,
-2.1673

138.7432,
-42.9054, 1.7157

9.5878, -15.5088,
-2.1316

153.4127,

0.0000, NaN, -NF

-45.0267, 2.3236

0.0000, NaN, NaN

168.5655,
-47.1276, 2.9636

0.0000, NaN, NaN

■ 61.9505, -29.4100,
-1.1570

■ 61.9505, -29.4100,
-1.1570

■ 61.4128, -31.6071,
-1.2087

■ 62.6544, -26.6033,
-0.8906

■ 61.0264, -33.2192,
-1.0626

■ 63.5286, -23.1799,
-0.4041

■ 60.7770, -34.2955,
-0.7391

■ 64.5791, -19.1511,
0.3055

■ 60.6291, -34.9689,
-0.2933

■ 65.8079, -14.5420,
1.2354

■ 67.2146, -9.3886,
2.3782

■ 68.7970, -3.7349,
3.7234

■ 70.5512, 2.3704,
5.2577

■ 72.4720, 8.8769,
6.9664

■ 74.5533, 15.7342,
8.8341

Harmonies

Analogous

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



61.9517, -28.1313, 12.4194



61.9505, -29.4100, -1.1570



61.9517, -24.2335, -16.6671

Triad

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



61.9517, -29.4104, -1.1562



61.9517, 16.0585, -22.0643



61.9517, 7.3677, 23.9987

Complementary

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



61.9505, -29.4100, -1.1570



39.2780, 37.5943, 13.1083

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.



61.9517, 20.8240, 18.3674



61.9505, -29.4100, -1.1570



61.9517, 26.1655, -7.2860

Square

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



61.9517, -29.4104, -1.1562



61.9517, 1.3495, -30.4992



61.9517, 27.9882, 7.5826



61.9517, -7.8336, 24.8875

Rectangle

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



61.9505, -29.4100, -1.1570



61.9517, -17.4977, -25.2655



61.9517, 27.9882, 7.5826



61.9517, 12.2843, 22.6756

Sweetspot

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



61.9517, -29.4104, -1.1562



88.3906, -18.2651, 1.9093



60.1256, -41.0006, 30.1147



41.2986, -9.4813, 0.7062



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



61.9517, -29.4104, -1.1562



82.0055, -43.0442, -1.5845



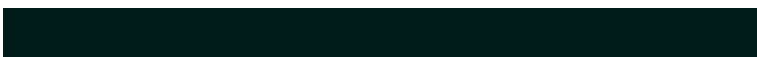
47.7237, -7.7178, -26.3874



31.9360, -4.2555, 1.1737



50.6429, -29.1809, -0.3060



9.5263, -5.3723, -0.3099

Inverse Universe

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



39.2780, 37.5943, 13.1083



47.4720, 61.1312, 21.1257



48.6865, 14.9235, 22.5845



30.0375, 1.0981, 2.2596



26.5481, 45.5582, 16.4277



5.0205, 8.6868, 2.5537

Previews

White Background



This preview shows how the HunterLab color 61.9505, -29.4100, -1.1570 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 61.9505, -29.4100, -1.1570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

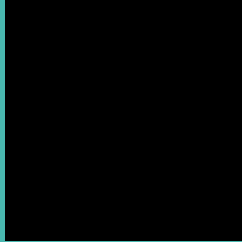
Any Text WCAG AA ✓ Pass

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 61.9505, -29.4100, -1.1570 Background



This preview shows how black text looks on a background with the HunterLab color 61.9505, -29.4100, -1.1570.



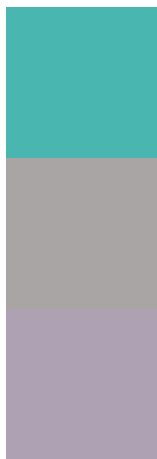
This preview shows how white text looks on a background with the HunterLab color 61.9505,

-29.4100, -1.1570.

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

61.9505, -29.4100, -1.1570

Protanopia

61.5755, -2.5150, 4.0802

Deuteranopia

61.5622, 4.3679, -3.5755



Tritanopia

61.9128, -23.1092, -11.6967

Trichromacy



Original Color

61.9505, -29.4100, -1.1570



Protanomaly

61.0891, -14.8837, 1.4274



Deuteranomaly

60.8223, -10.4570, -3.7630



Tritanomaly

61.8856, -25.3952, -7.8924

Monochromacy



Original Color

61.9505, -29.4100, -1.1570



Achromatopsia

54.8219, -2.9252, 2.9786



Achromatomaly

56.5891, -14.4904, 0.7247

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.9505, -29.4100, -1.1570 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(73, 183, 175)` looks like.

```
.text, #text, p{  
    color:rgb(73, 183, 175)  
}
```

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(73, 183, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 183, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 61.9505, -29.4100, -1.1570 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(73, 183, 175) }
```


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

```
.border{ border-color:rgb(73, 183, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 183, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 183, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 183, 175);  
box-shadow:4px 4px 4px 4px rgb(73, 183,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.9505, -29.4100, -1.1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 183, 175) }
```

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

```
.background{ background-color: rgb(73, 183,  
175) }
```

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