

Converting Colors

HunterLab(61.4840, -27.5067,
-4.7777)

Have a look what the booklet for
HunterLab(61.4840, -27.5067,
-4.7777) contains.

HunterLab(61.4505, -27.5500, -4.7959)	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(61.4505,
-27.5500, -4.7959)**

Conversions

Conversions Part 1

Format	Color
Hex	48B5B5
RGB	72, 181, 181
RGB Percent	28%, 71%, 71%
CMY	0.7176, 0.2902, 0.2902
CMYK	0.60, 0.00, 0.00, 0.29
HSL	180°, 43%, 50%
HSV	180°, 60%, 71%
XYZ	27.5368, 37.7616, 49.5535
YIQ	148.4090, -64.9640, -23.1080

Conversions

Conversions Part 2

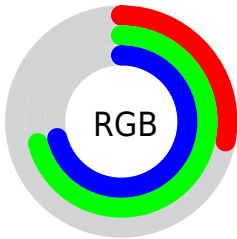
Format	Color
RYB	72, 127, 181
Decimal	4765109
CIELab	67.85, -30.55, -9.28
CIELCh	68, 31.929, 196.895
Yxy	37.7631, 0.2398, 0.3288
Android (android.graphics.Color)	4282955189 (0xFF48B5B5)
YUV	148.4090, 16.0674, -67.0107
Hunter-Lab	61.4505, -27.5500, -4.7959

Details

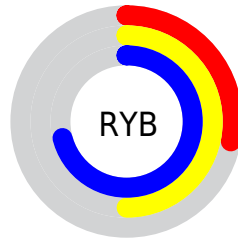
The HunterLab color **61.4505, -27.5500, -4.7959** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **38.6361, 36.5423, 15.0370**, and the grayscale version is **54.5409, -2.9102, 2.9633**.

A 20% lighter version of the original color is **84.6099, -31.8534, -4.5657**, and **41.2272, -21.8567, -4.3481** is the 20% darker color. If you saturate the color by 10%, you get **60.9646, -29.4454, -5.4652**, and if you desaturate by 10%, it is **62.1000, -25.0536, -3.9116**.

Distribution



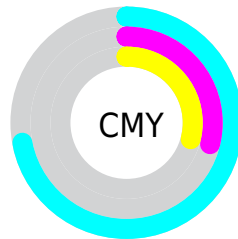
- Red (28%)
- Green (71%)
- Blue (71%)



- Red (28%)
- Yellow (50%)
- Blue (71%)



- Cyan (60%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



- Cyan (72%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.4505, -27.5500, -4.7959 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 61.4505, -27.5500, -4.7959 by changing the saturation by 10% instead.

61.4505, -27.5500,
-4.7959

61.4505, -27.5500,
-4.7959

183.4673,
-46.3401, -1.3573

50.7926, -25.2209,
-4.9396

84.7023, -31.9865,
-4.3392

40.8329, -22.7866,
-5.0212

97.2272, -34.1240,
-4.0366

31.6256, -20.2109,
-5.0326

110.3149,
-36.2221, -3.6888

23.2382, -17.4369,
-4.9651

123.9422,
-38.2882, -3.2986

15.7604, -14.3681,
-4.8083

138.0887,
-40.3287, -2.8684

9.3197, -14.7822,
-4.5563

152.7358,

0.0000, NaN, -NF

-42.3483, -2.4002

0.0000, NaN, NaN

167.8670,
-44.3510, -1.8960

0.0000, NaN, NaN

■ 61.4505, -27.5500,
-4.7959

■ 61.4505, -27.5500,
-4.7959

■ 60.9646, -29.4454,
-5.4652

■ 62.1000, -25.0536,
-3.9116

■ 60.6273, -30.7676,
-5.9326

■ 62.9176, -21.9459,
-2.8111

■ 60.4242, -31.5677,
-6.2153

■ 63.9094, -18.2347,
-1.4958

■ 60.3201, -31.9793,
-6.3606

■ 65.0778, -13.9415,
0.0273

■ 66.4227, -9.0993,
1.7472

■ 67.9423, -3.7494,
3.6498

■ 69.6329, 2.0617,
5.7194

■ 71.4895, 8.2847,
7.9390

■ 73.5063, 14.8703,
10.2917

Harmonies

Analogous

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



61.4517, -27.9460, 9.0117



61.4505, -27.5500, -4.7959



61.4517, -21.0478, -19.1078

Triad

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



61.4517, -27.5503, -4.7950



61.4517, 18.2218, -17.4650



61.4517, 3.1096, 23.8343

Complementary

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



61.4505, -27.5500, -4.7959



38.6361, 36.5423, 15.0370

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.



61.4517, 16.7634, 19.6082



61.4505, -27.5500, -4.7959



61.4517, 26.0131, -2.9187

Square

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



61.4517, -27.5503, -4.7950



61.4517, 4.9562, -27.4968



61.4517, 25.4561, 10.5043



61.4517, -11.1083, 23.5558

Rectangle

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



61.4505, -27.5500, -4.7959



61.4517, -13.7543, -26.0772



61.4517, 25.4561, 10.5043



61.4517, 7.9418, 22.9436

Sweetspot

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



61.4517, -27.5503, -4.7950



87.4174, -17.4698, 0.4581



59.1318, -41.5834, 29.5605



40.4145, -8.9439, -0.0789



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



61.4517, -27.5503, -4.7950



81.4311, -40.0112, -7.5280



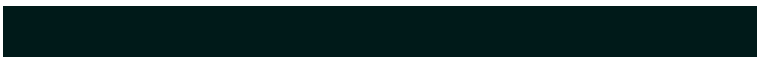
44.9849, -4.2253, -29.9742



31.0348, -4.0263, 0.8918



50.0822, -26.5516, -5.2811



8.8837, -4.7097, -0.9368

Inverse Universe

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



38.6361, 36.5423, 15.0370



46.7375, 59.6472, 23.3656



49.8802, 11.1948, 23.6433



29.1638, 0.9663, 2.4299



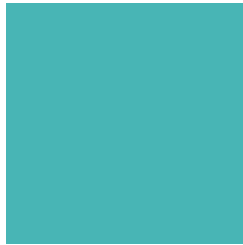
26.0237, 44.5663, 16.8157



4.6161, 7.9053, 2.9827

Previews

White Background



This preview shows how the HunterLab color 61.4505, -27.5500, -4.7959 looks on a white background.

Color Contrast Check

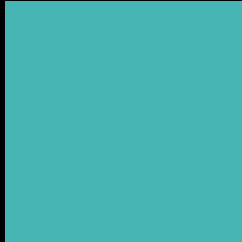
Large Text (above 18pt) WCAG AA × Fail

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 61.4505, -27.5500, -4.7959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

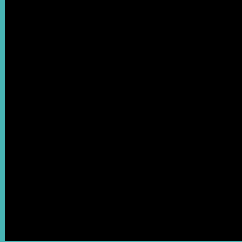
Any Text WCAG AA ✓ Pass

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 61.4505, -27.5500, -4.7959 Background



This preview shows how black text looks on a background with the HunterLab color 61.4505, -27.5500, -4.7959.



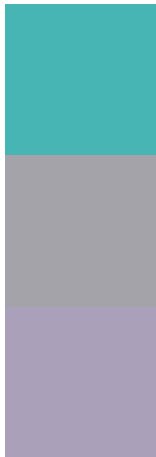
This preview shows how white text looks on a background with the HunterLab color 61.4505,

-27.5500, -4.7959.

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

61.4505, -27.5500, -4.7959

Protanopia

60.9065, -1.4615, 0.4838

Deuteranopia

61.0187, 4.4129, -7.4616



Tritanopia

61.4451, -23.2840, -11.7943

Trichromacy



Original Color

61.4505, -27.5500, -4.7959

Protanomaly

60.5233, -13.3830, -2.1685

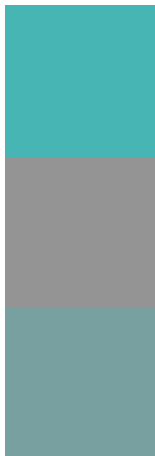
Deuteranomaly

60.4436, -9.8401, -7.4091

Tritanomaly

61.5249, -25.0201, -8.9219

Monochromacy



Original Color

61.4505, -27.5500, -4.7959

Achromatopsia

54.4186, -2.9036, 2.9567

Achromatomaly

56.2785, -13.9239, -0.6025

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.4505, -27.5500, -4.7959 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(72, 181, 181)` looks like.

```
.text, #text, p{  
    color:rgb(72, 181, 181)  
}
```

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(72, 181, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 181, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 61.4505, -27.5500, -4.7959 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(72, 181, 181) }
```


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

```
.border{ border-color:rgb(72, 181, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 181, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 181, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 181, 181);  
box-shadow:4px 4px 4px 4px rgb(72, 181,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.4505, -27.5500, -4.7959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 181, 181) }
```

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

```
.background{ background-color: rgb(72, 181,  
181) }
```

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