

Converting Colors

HunterLab(62.0356, -19.4370,
-25.3475)

Have a look what the booklet for
HunterLab(62.0356, -19.4370,
-25.3475) contains.

HunterLab(61.9887, -19.3436, -25.5835)	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(61.9887,
-19.3436, -25.5835)**

Conversions

Conversions Part 1

Format	Color
Hex	41B3DA
RGB	65, 179, 218
RGB Percent	25%, 70%, 85%
CMY	0.7451, 0.2980, 0.1451
CMYK	0.70, 0.18, 0.00, 0.15
HSL	195°, 67%, 55%
HSV	195°, 70%, 85%
XYZ	30.9550, 38.4260, 72.1151
YIQ	149.3600, -80.4630, -12.0390

Conversions

Conversions Part 2

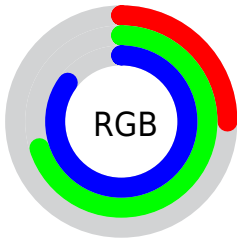
Format	Color
R_{YB}	65, 130, 218
Decimal	4305882
CIE _{Lab}	68.33, -19.50, -28.93
CIE _{LCh}	68, 34.889, 236.022
Yxy	38.4274, 0.2188, 0.2716
Android (android.graphics.Color)	4282495962 (0xFF41B3DA)
YUV	149.3600, 33.8395, -73.9837
Hunter-Lab	61.9887, -19.3436, -25.5835

Details

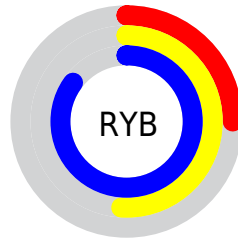
The HunterLab color **61.9887, -19.3436, -25.5835** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **50.1894, 36.0048, 25.6472**, and the grayscale version is **54.8600, -2.9272, 2.9807**.

A 20% lighter version of the original color is **84.5352, -27.3284, -14.7428**, and **41.9119, -13.4153, -23.4265** is the 20% darker color. If you saturate the color by 10%, you get **59.6979, -18.6890, -29.4188**, and if you desaturate by 10%, it is **64.4926, -19.2434, -21.5764**.

Distribution



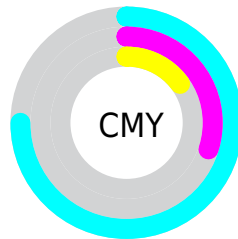
- Red (25%)
- Green (70%)
- Blue (85%)



- Red (25%)
- Yellow (51%)
- Blue (85%)



- Cyan (70%)
- Magenta (18%)
- Yellow (0%)
- Black (15%)



- Cyan (75%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.9887, -19.3436, -25.5835 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 61.9887, -19.3436, -25.5835 by changing the saturation by 10% instead.

61.9887, -19.3436,
-25.5835

61.9887, -19.3436,
-25.5835

184.2416,
-33.5475, -27.7290

51.2977, -17.6816,
-25.0788

85.3011, -22.5758,
-26.4296

41.3027, -15.9727,
-24.5313

97.8540, -24.1628,
-26.7699

32.0572, -14.1970,
-23.9607

110.9686,
-25.7377, -27.0557

23.6279, -12.3233,
-23.4168

124.6218,
-27.3047, -27.2886

16.1030, -10.2984,
-23.0286

138.7931,
-28.8669, -27.4704

9.6083, -9.3652,
-23.1915

153.4642,

0.0000, NaN, -NF

-30.4268, -27.6031

0.0000, NaN, -NF

168.6187,
-31.9865, -27.6887

0.0000, NaN, NaN

■ 61.9887, -19.3436,
-25.5835

■ 61.9887, -19.3436,
-25.5835

■ 59.6979, -18.6890,
-29.4188

■ 64.4926, -19.2434,
-21.5764

■ 57.6108, -17.3019,
-33.0672

■ 67.2056, -18.4004,
-17.4282

■ 55.7268, -15.3572,
-36.5019

■ 70.1235, -16.8475,
-13.1681

■ 73.2384, -14.6310,
-8.8247

■ 76.5406, -11.8042,
-4.4237

■ 80.0199, -8.4227,
0.0135

■ 83.6656, -4.5415,
4.4695

■ 87.4672, -0.2124,
8.9308

■ 90.7575, 2.2903,
12.6322

Harmonies

Analogous

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



61.9898, -28.2440, -10.6409



61.9887, -19.3436, -25.5835



61.9898, -5.3977, -32.7909

Triad

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



61.9898, -19.3434, -25.5824



61.9898, 29.8834, 1.3424



61.9898, -16.0449, 24.0803

Complementary

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



61.9887, -19.3436, -25.5835



50.1894, 36.0048, 25.6472

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.



61.9898, -1.1962, 25.7818



61.9887, -19.3436, -25.5835



61.9898, 26.3162, 14.7287

Square

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



61.9898, -19.3434, -25.5824



61.9898, 23.8526, -14.9805



61.9898, 14.5372, 22.8246



61.9898, -26.4772, 17.4113

Rectangle

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



61.9887, -19.3436, -25.5835



61.9898, 5.2707, -31.1901



61.9898, 14.5372, 22.8246



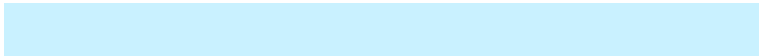
61.9898, -11.4497, 25.1675

Sweetspot

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



61.9898, -19.3434, -25.5824



91.0043, -14.4685, -5.8146



72.2855, -53.1261, 33.0312



41.5872, -7.1522, -3.3693

0.0000, NaN, NaN



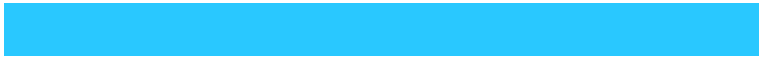
46.2646, -2.4686, 2.5136

Same Dimension

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



61.9898, -19.3434, -25.5824



70.1290, -21.6688, -37.1515



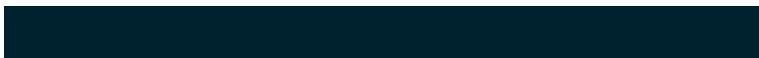
39.9224, 18.2696, -73.5894



37.7337, -3.8309, 0.1617



43.3424, -12.1870, -27.8659



11.6275, -3.9383, -6.0316

Inverse Universe

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



46.8424, 66.4185, -23.9556



51.9816, 89.3056, -29.0110



69.1595, -1.9430, 38.2931



36.3527, 2.5000, -0.1773



32.4348, 60.4485, -17.0474



8.3377, 15.6776, -5.4573

Previews

White Background



This preview shows how the HunterLab color 61.9887, -19.3436, -25.5835 looks on a white background.

Color Contrast Check

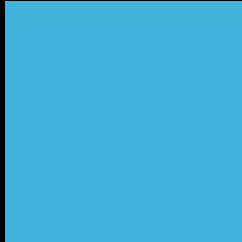
Large Text (above 18pt) WCAG AA × Fail

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 61.9887, -19.3436, -25.5835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

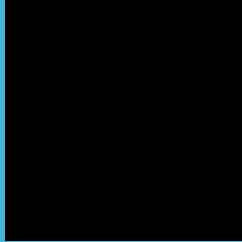
Any Text WCAG AA ✓ Pass

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 61.9887, -19.3436, -25.5835 Background



This preview shows how black text looks on a background with the HunterLab color 61.9887, -19.3436, -25.5835.



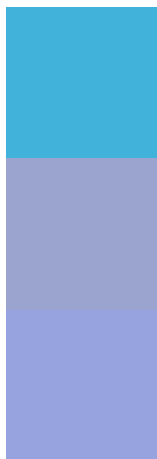
This preview shows how white text looks on a background with the HunterLab color 61.9887, -19.3436, -25.5835.

-19.3436, -25.5835.

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

61.9887, -19.3436, -25.5835

Protanopia

61.6640, 2.2481, -18.7224

Deuteranopia

61.6055, 4.7852, -28.4650



Tritanopia

62.1305, -27.2024, -12.6000

Trichromacy



Original Color

61.9887, -19.3436, -25.5835

Protanomaly

61.0055, -7.3589, -22.4326

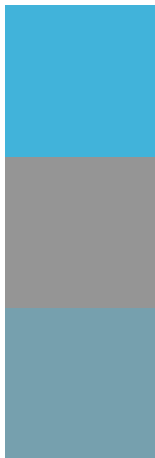
Deuteranomaly

61.2522, -5.6413, -28.5707

Tritanomaly

62.2129, -24.5810, -17.1391

Monochromacy



Original Color

61.9887, -19.3436, -25.5835

Achromatopsia

54.8219, -2.9252, 2.9786

Achromatomaly

56.6120, -11.7884, -7.2610

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.9887, -19.3436, -25.5835 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(65, 179, 218)` looks like.

```
.text, #text, p{  
    color:rgb(65, 179, 218)  
}
```

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(65, 179, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 179, 218) }
```

Border

The CSS property to change the border of an element to HunterLab 61.9887, -19.3436, -25.5835 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(65, 179, 218) }
```


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

```
.border{ border-color:rgb(65, 179, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 179, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 179, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 179, 218);  
box-shadow:4px 4px 4px 4px rgb(65, 179,  
218) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.9887, -19.3436, -25.5835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 179, 218) }
```

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

```
.background{ background-color: rgb(65, 179,  
218) }
```

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