

# Converting Colors

HunterLab(77.5900, -5.4590,  
-13.5088)



Have a look what the booklet for  
HunterLab(77.5900, -5.4590,  
-13.5088) contains.

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# Color

**HunterLab(77.5900, -5.4590,  
-13.5088)**



# Conversions

Conversions Part 1	
Format	Color
Hex	B6CEED
RGB	182, 206, 237
RGB Percent	71%, 81%, 93%
CMY	0.2863, 0.1921, 0.0706
CMYK	0.23, 0.13, 0.00, 0.07
HSL	214°, 60%, 82%
HSV	214°, 23%, 93%
XYZ	56.6487, 60.2021, 88.7552
YIQ	202.3580, -24.2550, 4.5530



# Conversions

## Conversions Part 2

Format	Color
<a href="#">RYB</a>	<a href="#">182, 199, 237</a>
Decimal	<a href="#">11980525</a>
CIELab	<a href="#">81.95, -1.41, -17.95</a>
CIELCh	<a href="#">82, 18.006, 265.504</a>
Yxy	<a href="#">60.2045, 0.2755, 0.2928</a>
Android (android.graphics.Color)	<a href="#">4290170605</a> (0xFFB6CEED)
YUV	<a href="#">202.3580, 17.0785, -17.8540</a>
Hunter-Lab	<a href="#">77.5900, -5.4590, -13.5088</a>



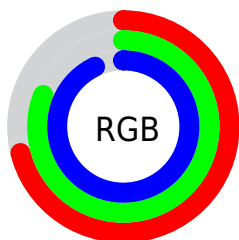
# Details

The HunterLab color **77.5900, -5.4590, -13.5088** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **83.0486, -0.9776, 19.5608**, and the grayscale version is **76.9428, -4.1055, 4.1805**.

A 20% lighter version of the original color is **98.5346, -10.4714, 3.6061**, and **55.1197, -4.2596, -13.1336** is the 20% darker color. If you saturate the color by 10%, you get **71.6926, -4.8603, -22.1694**, and if you desaturate by 10%, it is **83.6933, -5.5215, -5.2851**.



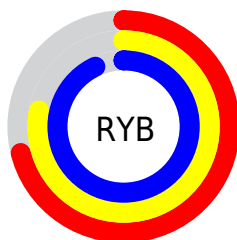
# Distribution



Red (71%)

Green (81%)

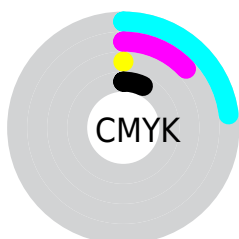
Blue (93%)



Red (71%)

Yellow (78%)

Blue (93%)

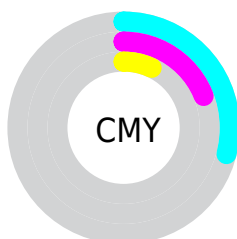


Cyan (23%)

Magenta (13%)

Yellow (0%)

Black (7%)



Cyan (29%)

Magenta (19%)

Yellow (7%)



# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.5900, -5.4590, -13.5088 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 77.5900, -5.4590, -13.5088 by changing the saturation by 10% instead.





 77.5900, -5.4590,  
-13.5088

 77.5900, -5.4590,  
-13.5088


206.2404,  
-12.8412, -12.1481

 66.0178, -4.7725,  
-13.4045


 102.5311, -6.9211,  
-13.5396

 55.0847, -4.1150,  
-13.2387


115.8429, -7.6924,  
-13.4760

 44.8322, -3.4889,  
-13.0060


129.6856, -8.4898,  
-13.3634

 35.3089, -2.8957,  
-12.7035

144.0397, -9.3124,  
-13.2043

 26.5757, -2.3369,  
-12.3314

158.8873,  
-10.1594, -13.0012

 18.7119, -1.8142,  
-11.9008

174.2128,


 11.8268, -1.3287,




-11.0304, -12.7562


-11.4616

190.0016,  
-11.9245, -12.4713


 4.6453, -1.5721,  
-17.0576


0.0000, NaN, -NF


 77.5900, -5.4590,  
-13.5088


 77.5900, -5.4590,  
-13.5088


 71.6926, -4.8603,  
-22.1694


 83.6933, -5.5215,  
-5.2851


 66.0218, -3.6280,  
-31.3334

 89.9765, -5.1238,  
2.5572

 60.6097, -1.6543,  
-41.0586

 96.4232, -4.3330,  
10.0734

 55.4923, 1.1812,  
-51.3902

 99.4457, -8.3809,  
13.3623



■ 50.7110, 5.0005,  
-62.3407

■ 46.3115, 9.9040,  
-73.8649

■ 42.3381, 15.9275,  
-85.8347

■ 39.8751, 20.5498,  
-94.2016



# Harmonies

## Analogous

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



77.5916, -13.4547, -10.1758



77.5900, -5.4590, -13.5088



77.5916, 3.2419, -11.6737



# Triad

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



77.5916, -5.4601, -13.5074



77.5916, 11.6501, 10.8104



77.5916, -17.5434, 12.7607



# Complementary

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



77.5900, -5.4590, -13.5088



83.0486, -0.9776, 19.5608



# 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.



77.5916, -11.2640, 17.3375



77.5900, -5.4590, -13.5088



77.5916, 5.6270, 16.3021



# Square

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



77.5916, -5.4601, -13.5074



77.5916, 13.3709, 2.9570



77.5916, -2.8195, 18.5588



77.5916, -20.2316, 5.4690



# Rectangle

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



77.5900, -5.4590, -13.5088



77.5916, 8.2390, -7.8658



77.5916, -2.8195, 18.5588



77.5916, -15.7965, 14.6346

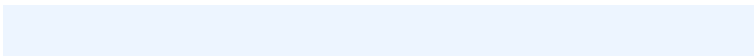


# Sweetspot

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



77.5916, -5.4601, -13.5074



95.1413, -5.7870, -0.4332



86.7644, -25.3305, 10.3427



43.8248, -2.6907, -0.4383

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136







# Same Dimension

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



77.5916, -5.4601, -13.5074



81.1414, -5.6926, -19.2306



70.6081, 7.7995, -23.6337



39.5353, -2.4921, -1.0599



29.8860, 14.2495, -68.1155



9.4324, 1.8331, -15.7467







# Inverse Universe

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



74.7785, 19.0327, 0.1113



77.6331, 26.3155, -0.6779



90.2672, -14.1217, 26.3054



38.9400, 2.1661, 1.2708



32.2405, 56.9641, 7.2567



9.1391, 16.3442, 0.5320

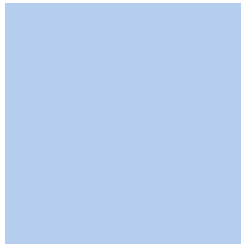






# Previews

## White Background



This preview shows how the HunterLab color 77.5900, -5.4590, -13.5088 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

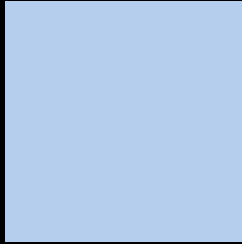
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 77.5900, -5.4590, -13.5088 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

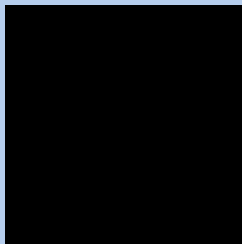
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

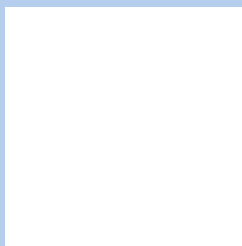
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## HunterLab 77.5900, -5.4590, -13.5088 Background



This preview shows how black text looks on a background with the HunterLab color 77.5900, -5.4590, -13.5088.



This preview shows how white text looks on a background with the HunterLab color 77.5900, -5.4590, -13.5088.



-13.5088.



# 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

77.5900, -5.4590, -13.5088

### Protanopia

77.5805, 0.5828, -11.6748

### Deuteranopia

77.5891, 5.6060, -14.4937





## Tritanopia

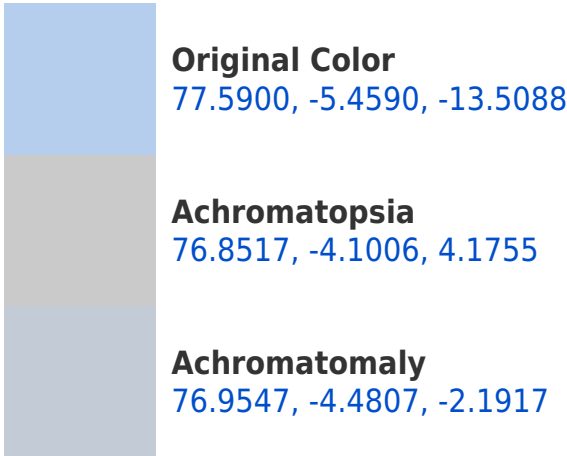
77.6217, -9.4308, -6.7460



# Trichromacy



# Monochromacy





# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.5900, -5.4590, -13.5088 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(182, 206, 237)` looks like.

```
.text, #text, p{  
    color:rgb(182, 206, 237)  
}
```



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(182, 206, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 206, 237) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.5900, -5.4590, -13.5088 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(182, 206, 237) }
```



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

```
.border{ border-color:rgb(182, 206, 237) }
```

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

Here you see how a box with a 4 pixel rgb(182, 206, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 206, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 206, 237);  
box-shadow:4px 4px 4px 4px rgb(182, 206,  
237) }
```



# Background

The CSS property to change the background color of an element to HunterLab 77.5900, -5.4590, -13.5088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 206, 237) }
```

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

```
.background{ background-color: rgb(182,  
206, 237) }
```

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](#).



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