

Converting Colors

HunterLab(52.8500, 1.1612,
-61.6545)

Have a look what the booklet for
HunterLab(52.8500, 1.1612,
-61.6545) contains.

HunterLab(52.8500, 1.1612, -61.6545)	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(52.8500, 1.1612,
-61.6545)**

Conversions

Conversions Part 1

Format	Color
Hex	3193F2
RGB	49, 147, 242
RGB Percent	19%, 58%, 95%
CMY	0.8078, 0.4235, 0.0510
CMYK	0.80, 0.39, 0.00, 0.05
HSL	210°, 88%, 57%
HSV	210°, 80%, 95%
XYZ	27.7274, 27.9312, 87.9343
YIQ	128.5280, -88.9030, 8.7690

Conversions

Conversions Part 2

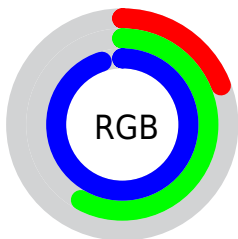
Format	Color
R _Y B	49, 114, 242
Decimal	3249138
CIE Lab	59.83, 4.77, -55.51
CIE LCh	60, 55.718, 274.913
Yxy	27.9321, 0.1931, 0.1945
Android (android.graphics.Color)	4281439218 (0xFF3193F2)
YUV	128.5280, 55.9417, -69.7461
Hunter-Lab	52.8500, 1.1612, -61.6545

Details

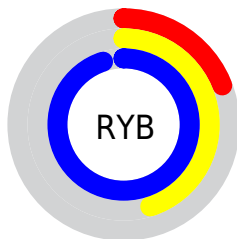
The HunterLab color **52.8500, 1.1612, -61.6545** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **62.4907, 25.3182, 36.1910**, and the grayscale version is **46.4828, -2.4802, 2.5255**.

A 20% lighter version of the original color is **72.9920, -12.1904, -32.0841**, and **34.7162, 6.2512, -56.8869** is the 20% darker color. If you saturate the color by 10%, you get **48.9570, 5.8409, -71.4662**, and if you desaturate by 10%, it is **57.0987, -2.4655, -52.0882**.

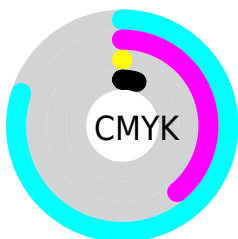
Distribution



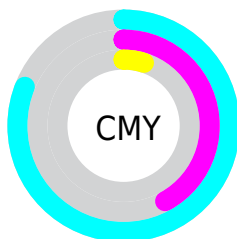
- Red (19%)
- Green (58%)
- Blue (95%)



- Red (19%)
- Yellow (45%)
- Blue (95%)



- Cyan (80%)
- Magenta (39%)
- Yellow (0%)
- Black (5%)



- Cyan (81%)
- Magenta (42%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.8500, 1.1612, -61.6545 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 52.8500, 1.1612, -61.6545 by changing the saturation by 10% instead.

■ 52.8500, 1.1612,
-61.6545

■ 52.8500, 1.1612,
-61.6545

170.9217, -3.2823,
-68.2571

■ 42.7487, 1.4379,
-61.2055

■ 75.0840, 0.4560,
-63.0278

■ 33.3875, 1.6539,
-61.1189

■ 87.1384, 0.0343,
-63.8085

■ 24.8313, 1.8013,
-61.7357

■ 99.7768, -0.4287,
-64.6015

■ 17.1646, 1.8671,
-63.8326

■ 112.9732, -0.9302,
-65.3867

■ 10.5059, 1.8306,
-69.5565

■ 126.7050, -1.4681,
-66.1516

0.0000, INF, -NF

0.0000, NaN, -NF

140.9521, -2.0405,

-66.8881

0.0000, NaN, -NF

155.6964, -2.6457,
-67.5910

0.0000, NaN, -NF

■ 52.8500, 1.1612,
-61.6545

■ 52.8500, 1.1612,
-61.6545

■ 48.9570, 5.8409,
-71.4662

■ 57.0987, -2.4655,
-52.0882

■ 45.4140, 11.4758,
-81.4875

■ 61.6732, -5.0888,
-42.8454

■ 45.3266, 11.6255,
-81.7504

■ 66.5435, -6.7950,
-33.9634

■ 71.6798, -7.6857,
-25.4506

■ 77.0548, -7.8622,
-17.2947

■ 82.6441, -7.4177,
-9.4713

■ 88.4266, -6.4351,
-1.9500

■ 94.3840, -4.9856,
5.3015

■ 99.3441, -7.1502,
10.9548

Harmonies

Analogous

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



52.8508, -20.8946, -53.8423



52.8500, 1.1612, -61.6545



52.8508, 26.0669, -46.8530

Triad

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



52.8508, 1.1622, -61.6532



52.8508, 40.2831, 22.2489



52.8508, -38.2722, 18.2318

Complementary

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



52.8500, 1.1612, -61.6545



62.4907, 25.3182, 36.1910

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.



52.8508, -26.5911, 27.6033



52.8500, 1.1612, -61.6545



52.8508, 18.0597, 29.0973

Square

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



52.8508, 1.1622, -61.6532



52.8508, 51.0658, 6.4781



52.8508, -6.6932, 30.4965



52.8508, -41.1910, -0.9972

Rectangle

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



52.8500, 1.1612, -61.6545



52.8508, 40.1794, -28.8431



52.8508, -6.6932, 30.4965



52.8508, -35.3560, 22.3108

Sweetspot

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



52.8508, 1.1622, -61.6532



85.1145, -8.1507, -13.5984



81.3142, -59.0488, 30.3278



38.4012, -3.8381, -7.6697

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



52.8508, 1.1622, -61.6532



49.4698, 10.0249, -82.7297



30.8887, 53.0435, -141.2832



40.6885, -2.9401, -0.8028



33.6322, 7.7171, -58.6965



10.6777, 0.4228, -14.2589

Inverse Universe

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



48.1478, 75.0969, -3.0093



48.1834, 84.9353, 3.2019



89.8366, -22.1490, 53.0502



39.8658, 2.3576, 0.9522



33.0685, 59.0324, 2.7508



9.6427, 17.4070, -0.6966

Previews

White Background



This preview shows how the HunterLab color 52.8500, 1.1612, -61.6545 looks on a white background.

Color Contrast Check

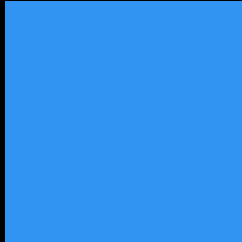
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.8500, 1.1612, -61.6545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

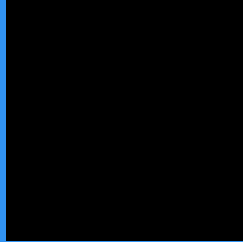
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

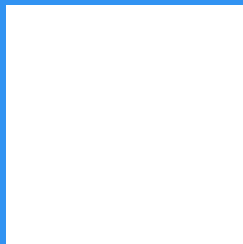
Any Text WCAG AAA × Fail

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

HunterLab 52.8500, 1.1612, -61.6545 Background



This preview shows how black text looks on a background with the HunterLab color 52.8500, 1.1612, -61.6545.



This preview shows how white text looks on a background with the HunterLab color 52.8500, 1.1612, -61.6545.

-61.6545.

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

52.8500, 1.1612, -61.6545

Protanopia

52.6855, 10.1162, -55.8084

Deuteranopia

52.7212, 5.3261, -62.7790



Tritanopia

52.6655, -25.2296, -11.3638

Trichromacy



Original Color

52.8500, 1.1612, -61.6545

Protanomaly

52.6776, 6.0866, -58.4764

Deuteranomaly

52.7369, 3.8955, -62.7660

Tritanomaly

52.5381, -17.0299, -27.5363

Monochromacy



Original Color

52.8500, 1.1612, -61.6545

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

48.1871, -5.3685, -17.1942

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.8500, 1.1612, -61.6545 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(49, 147, 242)` looks like.

```
.text, #text, p{  
    color:rgb(49, 147, 242)  
}
```

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(49, 147, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 147, 242) }
```

Border

The CSS property to change the border of an element to HunterLab 52.8500, 1.1612, -61.6545 is called "border". The border property can be set on classes, ids or directly on the HTML element.

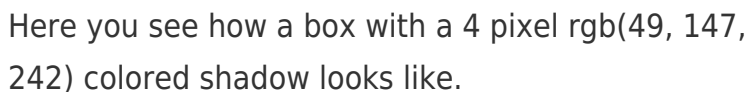
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(49, 147, 242) }
```


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

```
.border{ border-color:rgb(49, 147, 242) }
```

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



Here you see how a box with a 4 pixel `rgb(49, 147, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 147, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 147, 242);  
box-shadow:4px 4px 4px 4px rgb(49, 147,  
242) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.8500, 1.1612, -61.6545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 147, 242) }
```

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

```
.background{ background-color: rgb(49, 147,  
242) }
```

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