

Converting Colors

HunterLab(55.8513, 9.3449,
-52.1102)

Have a look what the booklet for
HunterLab(55.8513, 9.3449,
-52.1102) contains.

HunterLab(55.8513, 9.3449, -52.1102)	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(55.8513, 9.3449,
-52.1102)**

Conversions

Conversions Part 1

Format	Color
Hex	7594EF
RGB	117, 148, 239
RGB Percent	46%, 58%, 94%
CMY	0.5412, 0.4196, 0.0627
CMYK	0.51, 0.38, 0.00, 0.06
HSL	225°, 79%, 70%
HSV	225°, 51%, 94%
XYZ	33.5060, 31.1937, 85.9163
YIQ	149.1050, -47.6870, 21.7290

Conversions

Conversions Part 2

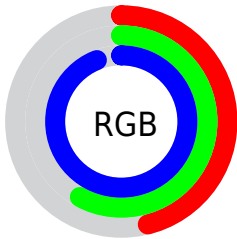
Format	Color
R _Y B	117, 142, 239
Decimal	7705839
CIE Lab	62.67, 14.11, -49.17
CIE LCh	63, 51.158, 286.011
Yxy	31.1948, 0.2225, 0.2071
Android (android.graphics.Color)	4285895919 (0xFF7594EF)
YUV	149.1050, 44.3182, -28.1561
Hunter-Lab	55.8513, 9.3449, -52.1102

Details

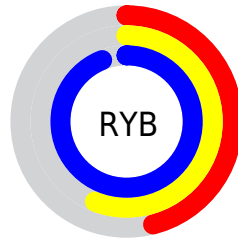
The HunterLab color $55.8513, 9.3449, -52.1102$ is a light color, and the websafe version is hex $6699FF$. A complement of this color would be $80.4669, -4.6909, 37.0995$, and the grayscale version is $54.7061, -2.9190, 2.9723$.

A 20% lighter version of the original color is $76.5343, -1.3452, -26.1547$, and $35.9910, 8.6423, -50.5766$ is the 20% darker color. If you saturate the color by 10%, you get $49.5746, 14.4614, -66.8649$, and if you desaturate by 10%, it is $62.5276, 5.2054, -38.8133$.

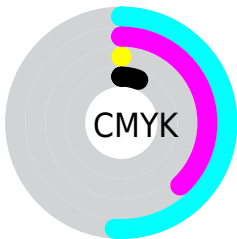
Distribution



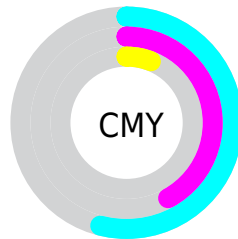
- Red (46%)
- Green (58%)
- Blue (94%)



- Red (46%)
- Yellow (56%)
- Blue (94%)



- Cyan (51%)
- Magenta (38%)
- Yellow (0%)
- Black (6%)



- Cyan (54%)
- Magenta (42%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.8513, 9.3449, -52.1102 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 55.8513, 9.3449, -52.1102 by changing the saturation by 10% instead.

■ 55.8513, 9.3449,
-52.1102

■ 55.8513, 9.3449,
-52.1102

175.3381, 8.2942,
-58.1317

■ 45.5491, 9.1543,
-51.4812

■ 78.4516, 9.5020,
-53.5641

■ 35.9713, 8.8749,
-51.0367

■ 90.6750, 9.4829,
-54.3074

■ 27.1786, 8.4926,
-50.9697

■ 103.4746, 9.4063,
-55.0328

■ 19.2488, 7.9874,
-51.7079

116.8255, 9.2767,
-55.7295

■ 12.2883, 7.3313,
-54.3622

130.7058, 9.0977,
-56.3907

■ 5.4385, 11.0154,
-76.1226

145.0960, 8.8725,

0.0000, NaN, -NF

-57.0128

0.0000, NaN, -NF

159.9787, 8.6039,
-57.5934

0.0000, NaN, -NF

■ 55.8513, 9.3449,
-52.1102

■ 55.8513, 9.3449,
-52.1102

■ 49.5746, 14.4614,
-66.8649

■ 62.5276, 5.2054,
-38.8133

■ 43.7833, 20.7414,
-83.2419

■ 69.5336, 1.8609,
-26.7527

■ 38.5940, 28.3144,
-101.1761

■ 76.8199, -0.8423,
-15.7058

■ 34.1477, 37.1053,
-120.0970

■ 84.3478, -3.0281,
-5.4804

■ 30.8873, 45.5451,
-136.9252

■ 92.0875, -4.7939,
4.0824

99.4944, -8.0384,
12.5038

99.5048, -8.0555,
12.5150

Harmonies

Analogous

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



55.8523, -12.9768, -52.8024



55.8513, 9.3449, -52.1102



55.8523, 31.3433, -33.3643

Triad

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



55.8523, 9.3452, -52.1088



55.8523, 30.0325, 25.1481



55.8523, -38.8034, 12.0304

Complementary

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



55.8513, 9.3449, -52.1102



80.4669, -4.6909, 37.0995

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.



55.8523, -30.6112, 24.6006



55.8513, 9.3449, -52.1102



55.8523, 7.7667, 29.9069

Square

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



55.8523, 9.3452, -52.1088



55.8523, 44.5070, 13.1630



55.8523, -14.3270, 29.7563



55.8523, -38.5175, -9.4239

Rectangle

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



55.8513, 9.3449, -52.1102



55.8523, 41.8482, -16.2196



55.8523, -14.3270, 29.7563



55.8523, -37.0132, 17.2133

Sweetspot

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



55.8523, 9.3452, -52.1088



87.5107, -2.3758, -10.2162



83.6629, -41.0095, 9.2414



39.6935, -0.8690, -5.8035

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.8523, 9.3452, -52.1088



53.2496, 15.6688, -72.2533



50.0186, 32.7401, -65.4044



39.8515, -1.5514, -1.8366



23.3431, 32.6536, -99.6665



7.7939, 6.4400, -23.6439

Inverse Universe

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



57.6307, 45.6623, 7.4867



56.6855, 59.5163, 10.4342



87.6346, -29.5009, 42.0962



39.7803, 1.8986, 2.1698



32.1612, 55.7064, 15.9032



9.3597, 16.3749, 3.3647

Previews

White Background



This preview shows how the HunterLab color 55.8513, 9.3449, -52.1102 looks on a white background.

Color Contrast Check

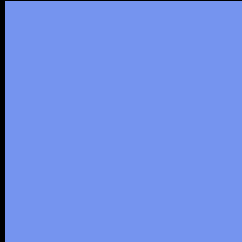
Large Text (above 18pt) WCAG AA × Fail

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 55.8513, 9.3449, -52.1102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

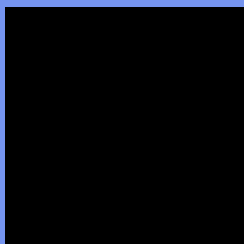
Any Text WCAG AA ✓ Pass

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 55.8513, 9.3449, -52.1102 Background



This preview shows how black text looks on a background with the HunterLab color 55.8513, 9.3449, -52.1102.



This preview shows how white text looks on a background with the HunterLab color 55.8513, 9.3449, -52.1102.

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

55.8513, 9.3449, -52.1102

Protanopia

55.8513, 9.3449, -52.1102

Deuteranopia

55.8479, 4.8406, -51.3765



Tritanopia

55.7068, -16.7113, -8.5864

Trichromacy



Original Color

55.8513, 9.3449, -52.1102

Protanomaly

55.8513, 9.3449, -52.1102

Deuteranomaly

55.8336, 6.2683, -51.3823

Tritanomaly

55.4952, -7.7289, -23.0188

Monochromacy



Original Color

55.8513, 9.3449, -52.1102

Achromatopsia

54.8219, -2.9252, 2.9786

Achromatomaly

54.9460, -0.2963, -13.9025

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.8513, 9.3449, -52.1102 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(117, 148, 239)` looks like.

```
.text, #text, p{  
    color:rgb(117, 148, 239)  
}
```

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(117, 148, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 148, 239) }
```

Border

The CSS property to change the border of an element to HunterLab 55.8513, 9.3449, -52.1102 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(117, 148, 239) }
```


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

```
.border{ border-color:rgb(117, 148, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 148, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 148, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 148, 239);  
box-shadow:4px 4px 4px 4px rgb(117, 148,  
239) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.8513, 9.3449, -52.1102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 148, 239) }
```

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

```
.background{ background-color: rgb(117,  
148, 239) }
```

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