

Converting Colors

HunterLab(62.2951, -3.4626,
-51.7511)

Have a look what the booklet for
HunterLab(62.2951, -3.4626,
-51.7511) contains.

HunterLab(62.2894, -3.4730, -51.7304)	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(62.2894, -3.4730,
-51.7304)**

Conversions

Conversions Part 1

Format	Color
Hex	58ACFF
RGB	88, 172, 255
RGB Percent	35%, 67%, 100%
CMY	0.6549, 0.3255, 0.0000
CMYK	0.65, 0.33, 0.00, 0.00
HSL	210°, 100%, 67%
HSV	210°, 65%, 100%
XYZ	36.8270, 38.7997, 100.1557
YIQ	156.3460, -76.7070, 8.0050

Conversions

Conversions Part 2

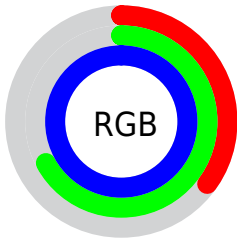
Format	Color
R _Y B	88, 144, 255
Decimal	5811455
CIE Lab	68.61, -0.17, -48.63
CIE LCh	69, 48.634, 269.803
Yxy	38.8009, 0.2095, 0.2207
Android (android.graphics.Color)	4284001535 (0xFF58ACFF)
YUV	156.3460, 48.6364, -59.9394
Hunter-Lab	62.2894, -3.4730, -51.7304

Details

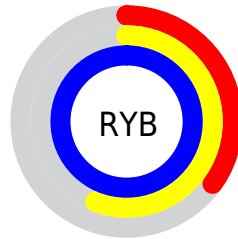
The HunterLab color **62.2894, -3.4730, -51.7304** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **71.4797, 18.6656, 36.7124**, and the grayscale version is **57.6318, -3.0751, 3.1312**.

A 20% lighter version of the original color is **82.9660, -19.3976, -16.8259**, and **41.8451, -1.0976, -49.9334** is the 20% darker color. If you saturate the color by 10%, you get **57.5933, 0.0119, -61.9060**, and if you desaturate by 10%, it is **67.3254, -5.9158, -41.9341**.

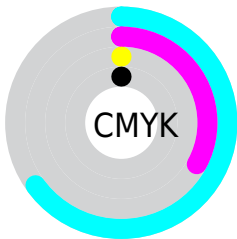
Distribution



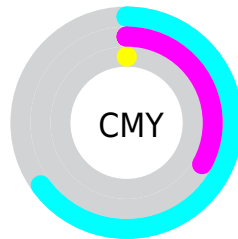
- Red (35%)
- Green (67%)
- Blue (100%)



- Red (35%)
- Yellow (56%)
- Blue (100%)



- Cyan (65%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.2894, -3.4730, -51.7304 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 62.2894, -3.4730, -51.7304 by changing the saturation by 10% instead.

62.2894, -3.4730,
-51.7304

62.2894, -3.4730,
-51.7304

184.6736,
-10.0729, -57.5632

51.5800, -2.8917,
-51.0396

85.6354, -4.7359,
-53.2035

41.5653, -2.3473,
-50.4615

98.2039, -5.4147,
-53.9313

32.2986, -1.8421,
-50.1184

111.3335, -6.1233,
-54.6327

23.8460, -1.3794,
-50.2655

125.0011, -6.8602,
-55.3000

16.2951, -0.9634,
-51.4984

139.1862, -7.6246,
-55.9287

9.7700, -0.6003,
-55.5233

153.8707, -8.4154,

0.0000, NaN, -NF

-56.5162

0.0000, NaN, -NF

169.0382, -9.2317,
-57.0612

0.0000, NaN, -NF

■ 62.2894, -3.4730,
-51.7304

■ 62.2894, -3.4730,
-51.7304

■ 57.5933, 0.0119,
-61.9060

■ 67.3254, -5.9158,
-41.9341

■ 53.2667, 4.6117,
-72.4024

■ 72.6646, -7.4217,
-32.5486

■ 49.3348, 10.3303,
-83.1178

■ 78.2764, -8.1016,
-23.5683

■ 47.6718, 13.1899,
-88.0588

■ 84.1324, -8.0623,
-14.9713

■ 90.2078, -7.3998,
-6.7258

■ 96.4810, -6.1979,
1.2038

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



62.2904, -23.1987, -42.3504



62.2894, -3.4730, -51.7304



62.2904, 19.1104, -42.5806

Triad

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



62.2904, -3.4727, -51.7284



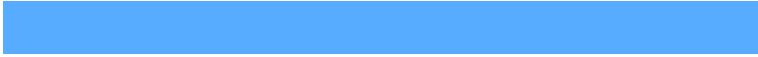
62.2904, 37.7709, 20.2511



62.2904, -35.8196, 20.4179

Complementary

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



62.2894, -3.4730, -51.7304



71.4797, 18.6656, 36.7124

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.



62.2904, -22.9788, 29.1682



62.2894, -3.4730, -51.7304



62.2904, 19.3976, 29.0981

Square

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



62.2904, -3.4727, -51.7284



62.2904, 44.8421, 3.2518



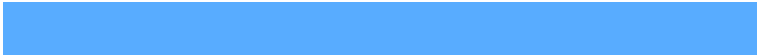
62.2904, -3.1812, 31.6916



62.2904, -40.2193, 3.5291

Rectangle

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



62.2894, -3.4730, -51.7304



62.2904, 32.3690, -28.5550



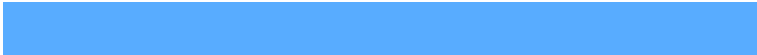
62.2904, -3.1812, 31.6916



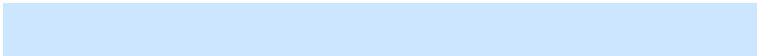
62.2904, -32.4438, 24.1644

Sweetspot

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



62.2904, -3.4727, -51.7284



87.4399, -7.7703, -10.4062



87.4353, -57.2226, 27.5149



39.6661, -3.6745, -5.8905

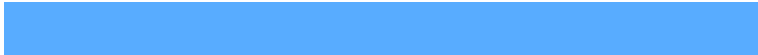
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



62.2904, -3.4727, -51.7284



56.0293, 1.4988, -65.5623



40.9170, 40.9425, -111.1601



43.4600, -3.1186, -0.9007



34.8910, 8.6817, -62.3520



11.8484, 0.9078, -16.7691

Inverse Universe

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



55.8746, 68.9074, -5.7805



51.2045, 79.2697, -2.9035



95.7715, -22.4458, 52.9041



42.5905, 2.5426, 1.0338



34.5788, 61.6698, 3.3317



10.8916, 19.6128, -0.4092

Previews

White Background



This preview shows how the HunterLab color 62.2894, -3.4730, -51.7304 looks on a white background.

Color Contrast Check

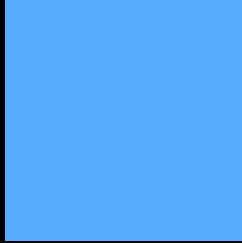
Large Text (above 18pt) WCAG AA × Fail

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 62.2894, -3.4730, -51.7304 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

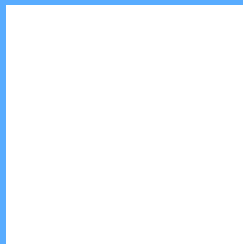
Any Text WCAG AAA ✓ Pass

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

HunterLab 62.2894, -3.4730, -51.7304 Background



This preview shows how black text looks on a background with the HunterLab color 62.2894, -3.4730, -51.7304.



This preview shows how white text looks on a background with the HunterLab color 62.2894, -3.4730, -51.7304.

-51.7304.

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

62.2894, -3.4730, -51.7304

Protanopia

61.9475, 8.3539, -46.6791

Deuteranopia

62.1530, 5.2835, -51.8588



Tritanopia

62.2547, -26.6494, -12.9874

Trichromacy



Original Color

62.2894, -3.4730, -51.7304

Protanomaly

61.8309, 3.7923, -49.3500

Deuteranomaly

62.0808, 2.0083, -52.0657

Tritanomaly

62.0870, -18.8919, -26.0717

Monochromacy



Original Color

62.2894, -3.4730, -51.7304

Achromatopsia

57.6586, -3.0765, 3.1327

Achromatomaly

58.7126, -6.0834, -14.2876

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.2894, -3.4730, -51.7304 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(88, 172, 255)` looks like.

```
.text, #text, p{  
    color:rgb(88, 172, 255)  
}
```

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(88, 172, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 172, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 62.2894, -3.4730, -51.7304 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(88, 172, 255) }
```


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

```
.border{ border-color:rgb(88, 172, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 172, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 172, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 172, 255);  
box-shadow:4px 4px 4px 4px rgb(88, 172,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.2894, -3.4730, -51.7304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 172, 255) }
```

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

```
.background{ background-color: rgb(88, 172,  
255) }
```

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