

Converting Colors

HunterLab(63.8353, -5.9565,
-48.8613)

Have a look what the booklet for
HunterLab(63.8353, -5.9565,
-48.8613) contains.

HunterLab(63.8271, -5.9947, -48.6576)	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(63.8271, -5.9947,
-48.6576)**

Conversions

Conversions Part 1

Format	Color
Hex	58B1FF
RGB	88, 177, 255
RGB Percent	35%, 69%, 100%
CMY	0.6549, 0.3059, 0.0000
CMYK	0.65, 0.31, 0.00, 0.00
HSL	208°, 100%, 67%
HSV	208°, 65%, 100%
XYZ	37.7966, 40.7390, 100.4790
YIQ	159.2810, -78.0820, 5.3900

Conversions

Conversions Part 2

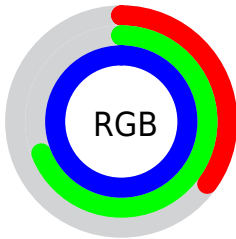
Format	Color
R _Y B	88, 146, 255
Decimal	5812735
CIE Lab	69.99, -2.97, -46.45
CIE LCh	70, 46.546, 266.337
Yxy	40.7403, 0.2111, 0.2276
Android (android.graphics.Color)	4284002815 (0xFF58B1FF)
YUV	159.2810, 47.1895, -62.5134
Hunter-Lab	63.8271, -5.9947, -48.6576

Details

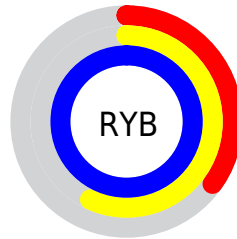
The HunterLab color **63.8271, -5.9947, -48.6576** is a light color, and the websafe version is hex **0099FF**. The color can be described as light muted azure. A complement of this color would be **70.1711, 21.2788, 35.8090**, and the grayscale version is **58.8343, -3.1392, 3.1966**.

A 20% lighter version of the original color is **84.6219, -21.8301, -14.5251**, and **43.2949, -3.5055, -46.5474** is the 20% darker color. If you saturate the color by 10%, you get **59.3330, -2.9283, -58.0298**, and if you desaturate by 10%, it is **68.6456, -8.0445, -39.5554**.

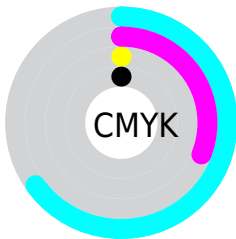
Distribution



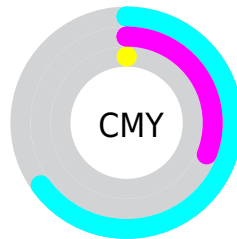
- Red (35%)
- Green (69%)
- Blue (100%)



- Red (35%)
- Yellow (57%)
- Blue (100%)



- Cyan (65%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.8271, -5.9947, -48.6576 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 63.8271, -5.9947, -48.6576 by changing the saturation by 10% instead.

63.8271, -5.9947,
-48.6576

63.8271, -5.9947,
-48.6576

186.8781,
-13.6951, -54.1474

53.0247, -5.2599,
-47.9540

87.3439, -7.5398,
-50.0983

42.9107, -4.5512,
-47.3276

99.9917, -8.3495,
-50.7935

33.5367, -3.8684,
-46.8747

113.1972, -9.1834,
-51.4560

24.9666, -3.2110,
-46.7956

126.9377,
-10.0407, -52.0800

17.2843, -2.5772,
-47.5498

141.1932,
-10.9210, -52.6623

10.6075, -1.9617,
-50.4101

155.9456,

0.0000, NaN, -NF

-11.8239, -53.2013

0.0000, NaN, -NF

171.1788,
-12.7487, -53.6963

0.0000, NaN, -NF

■ 63.8271, -5.9947,
-48.6576

■ 63.8271, -5.9947,
-48.6576

■ 59.3330, -2.9283,
-58.0298

■ 68.6456, -8.0445,
-39.5554

■ 55.1863, 1.2164,
-67.6160

■ 73.7568, -9.1710,
-30.7631

■ 51.4046, 6.4361,
-77.3325

■ 79.1338, -9.4763,
-22.2877

■ 49.7983, 9.0576,
-81.7963

■ 84.7506, -9.0599,
-14.1215

■ 90.5844, -8.0135,
-6.2461

■ 96.6146, -6.4183,
1.3626

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.



63.8281, -24.4850, -38.0015



63.8271, -5.9947, -48.6576



63.8281, 15.7173, -42.0086

Triad

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



63.8281, -5.9945, -48.6555



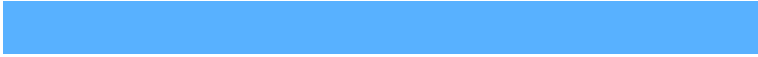
63.8281, 37.4213, 18.4050



63.8281, -33.9390, 21.4596

Complementary

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



63.8271, -5.9947, -48.6576



70.1711, 21.2788, 35.8090

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.



63.8281, -20.5188, 29.3865



63.8271, -5.9947, -48.6576



63.8281, 20.8149, 28.0700

Square

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



63.8281, -5.9945, -48.6555



63.8281, 42.6189, 0.9451



63.8281, -0.7820, 31.3367



63.8281, -39.2329, 5.9041

Rectangle

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



63.8271, -5.9947, -48.6576



63.8281, 28.8657, -29.5464



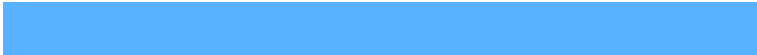
63.8281, -0.7820, 31.3367



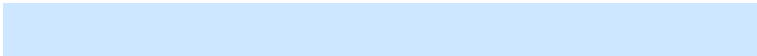
63.8281, -30.3218, 24.8801

Sweetspot

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



63.8281, -5.9945, -48.6555



87.9258, -8.5583, -9.7662



87.3762, -57.5817, 28.3729



39.9222, -4.0889, -5.5456

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.8281, -5.9945, -48.6555



57.8352, -1.5966, -61.3778



41.5035, 39.3652, -108.8891



43.5670, -3.2943, -0.7699



36.4140, 5.7612, -57.9512



12.2877, 0.1354, -15.6508

Inverse Universe

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



56.0495, 69.6398, -8.2444



51.4068, 80.0531, -5.7611



94.8602, -21.0910, 52.3113



42.6016, 2.6018, 0.8767



34.7369, 62.2451, 1.0740



10.9406, 19.7903, -1.1026

Previews

White Background



This preview shows how the HunterLab color 63.8271, -5.9947, -48.6576 looks on a white background.

Color Contrast Check

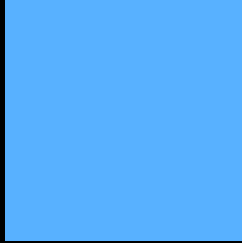
Large Text (above 18pt) WCAG AA × Fail

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 63.8271, -5.9947, -48.6576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

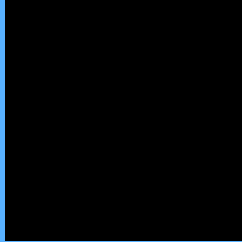
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

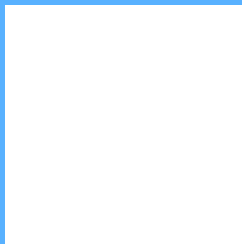
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.8271, -5.9947, -48.6576 Background



This preview shows how black text looks on a background with the HunterLab color 63.8271, -5.9947, -48.6576.

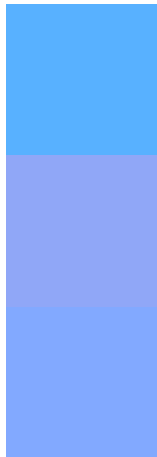


This preview shows how white text looks on a background with the HunterLab color 63.8271, -5.9947, -48.6576.

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

63.8271, -5.9947, -48.6576

Protanopia

63.4682, 7.3588, -42.9652

Deuteranopia

63.5152, 5.3204, -49.0833



Tritanopia

63.8000, -27.2238, -13.0905

Trichromacy



Original Color

63.8271, -5.9947, -48.6576

Protanomaly

63.4925, 1.7088, -45.3024

Deuteranomaly

63.5373, 0.8272, -49.1176

Tritanomaly

63.5237, -20.0141, -25.0548

Monochromacy



Original Color

63.8271, -5.9947, -48.6576

Achromatopsia

58.8816, -3.1418, 3.1991

Achromatomaly

60.1282, -7.1201, -13.4014

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.8271, -5.9947, -48.6576 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, 177, 255)` looks like.

```
.text, #text, p{  
    color:rgb(88, 177, 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, 177, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 177, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 63.8271, -5.9947, -48.6576 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, 177, 255) }
```


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

```
.border{ border-color:rgb(88, 177, 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, 177, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 177, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 177, 255);  
box-shadow:4px 4px 4px 4px rgb(88, 177,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.8271, -5.9947, -48.6576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 177, 255) }
```

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

```
.background{ background-color: rgb(88, 177,  
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](#).

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