

Converting Colors

HunterLab(49.2850, 3.5217,
-63.7184)

Have a look what the booklet for
HunterLab(49.2850, 3.5217,
-63.7184) contains.

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Color

**HunterLab(49.3778, 3.5870,
-63.8857)**

Conversions

Conversions Part 1

Format	Color
Hex	2A89EB
RGB	42, 137, 235
RGB Percent	16%, 54%, 92%
CMY	0.8352, 0.4627, 0.0784
CMYK	0.82, 0.42, 0.00, 0.08
HSL	210°, 83%, 54%
HSV	210°, 82%, 92%
XYZ	24.8959, 24.3817, 81.9911
YIQ	119.7670, -88.0780, 10.3380

Conversions

Conversions Part 2

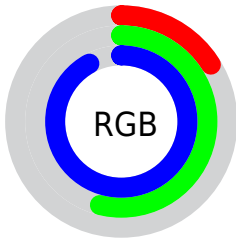
Format	Color
R _Y B	42, 106, 235
Decimal	2787819
CIE Lab	56.47, 7.55, -57.01
CIE LCh	56, 57.508, 277.547
Yxy	24.3824, 0.1897, 0.1857
Android (android.graphics.Color)	4280977899 (0xFF2A89EB)
YUV	119.7670, 56.8099, -68.2017
Hunter-Lab	49.3778, 3.5870, -63.8857

Details

The HunterLab color **49.3778, 3.5870, -63.8857** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **60.4907, 24.1571, 35.5482**, and the grayscale version is **43.0615, -2.2977, 2.3396**.

A 20% lighter version of the original color is **69.2595, -7.6212, -38.4455**, and **31.9277, 8.5633, -58.3925** is the 20% darker color. If you saturate the color by 10%, you get **45.6246, 8.5639, -73.8754**, and if you desaturate by 10%, it is **53.4921, -0.3533, -54.1614**.

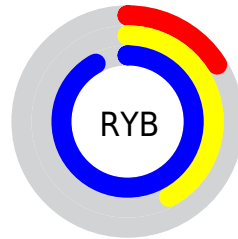
Distribution



Red (16%)

Green (54%)

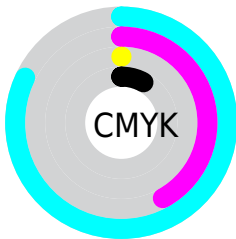
Blue (92%)



Red (16%)

Yellow (42%)

Blue (92%)

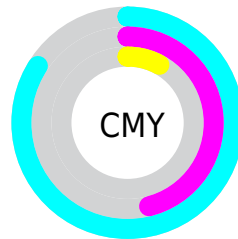


Cyan (82%)

Magenta (42%)

Yellow (0%)

Black (8%)



Cyan (84%)

Magenta (46%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.3778, 3.5870, -63.8857 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 49.3778, 3.5870, -63.8857 by changing the saturation by 10% instead.

■ 49.3778, 3.5870,
-63.8857

■ 49.3778, 3.5870,
-63.8857

165.7553, 0.3449,
-70.5108

■ 39.5190, 3.6915,
-63.5888

■ 71.1713, 3.1945,
-65.1417

■ 30.4203, 3.7210,
-63.7862

■ 83.0232, 2.9165,
-65.9113

■ 22.1521, 3.6638,
-64.9551

■ 95.4685, 2.5905,
-66.7103

■ 14.8084, 3.5004,
-68.2425

■ 108.4802, 2.2199,
-67.5130

■ 8.4624, 3.4418,
-77.7839

■ 122.0345, 1.8078,
-68.3031

0.0000, NaN, -NF

0.0000, NaN, -NF

136.1106, 1.3565,

-69.0702

0.0000, NaN, -NF

150.6898, 0.8683,
-69.8075

0.0000, NaN, NaN

■ 49.3778, 3.5870,
-63.8857

■ 49.3778, 3.5870,
-63.8857

■ 45.6246, 8.5639,
-73.8754

■ 53.4921, -0.3533,
-54.1614

■ 42.9084, 13.1112,
-81.9352

■ 57.9368, -3.2952,
-44.7907

■ 62.6805, -5.3212,
-35.8159

■ 67.6917, -6.5328,
-27.2454

■ 72.9418, -7.0323,
-19.0640

■ 78.4057, -6.9146,
-11.2430

■ 84.0616, -6.2638,
-3.7476

■ 89.8907, -5.1521,
3.4586

■ 95.8769, -3.6412,
10.4106

Harmonies

Analogous

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



49.3785, -19.0957, -57.7490



49.3778, 3.5870, -63.8857



49.3785, 28.8427, -46.4945

Triad

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



49.3785, 3.5881, -63.8845



49.3785, 39.6639, 22.6913



49.3785, -38.5369, 16.7166

Complementary

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



49.3778, 3.5870, -63.8857



60.4907, 24.1571, 35.5482

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.



49.3785, -27.7899, 26.3999



49.3778, 3.5870, -63.8857



49.3785, 16.3061, 28.5167

Square

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



49.3785, 3.5881, -63.8845



49.3785, 52.1135, 8.1265



49.3785, -8.5689, 29.4410



49.3785, -40.6447, -3.4499

Rectangle

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



49.3778, 3.5870, -63.8857



49.3785, 42.7872, -27.2451



49.3785, -8.5689, 29.4410



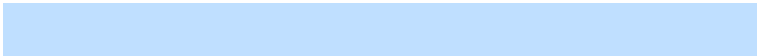
49.3785, -35.9304, 20.9537

Sweetspot

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



49.3785, 3.5881, -63.8845



84.2050, -7.6901, -14.8627



78.5872, -57.3743, 29.1337



37.9773, -3.5819, -8.2754

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.3785, 3.5881, -63.8845



47.2904, 14.0424, -89.2278



28.5449, 54.9752, -144.7017



39.7156, -2.7891, -0.8389



32.4056, 8.9885, -59.9077



10.0837, 0.6338, -13.9718

Inverse Universe

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



45.9627, 73.3752, -0.9232



47.7938, 84.7458, 6.1099



87.8900, -23.0391, 52.2752



38.9585, 2.2655, 1.0072



32.4852, 57.8579, 3.7365



9.2090, 16.5980, -0.4621

Previews

White Background



This preview shows how the HunterLab color 49.3778, 3.5870, -63.8857 looks on a white background.

Color Contrast Check

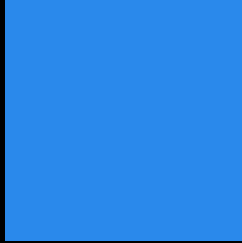
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.3778, 3.5870, -63.8857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

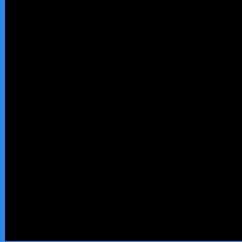
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

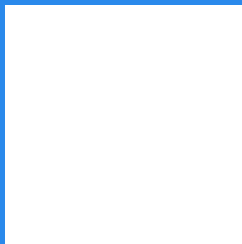
Any Text WCAG AAA × Fail

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

HunterLab 49.3778, 3.5870, -63.8857 Background



This preview shows how black text looks on a background with the HunterLab color 49.3778, 3.5870, -63.8857.



This preview shows how white text looks on a background with the HunterLab color 49.3778, 3.5870, -63.8857.

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

49.3778, 3.5870, -63.8857

Protanopia

49.1580, 10.8265, -58.9271

Deuteranopia

49.2794, 4.7325, -64.1149



Tritanopia

49.0234, -23.5548, -10.4270

Trichromacy



Original Color

49.3778, 3.5870, -63.8857

Protanomaly

48.9902, 7.6717, -61.1740

Deuteranomaly

49.2045, 4.4830, -64.3094

Tritanomaly

48.9287, -15.2448, -27.0867

Monochromacy



Original Color

49.3778, 3.5870, -63.8857

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

44.5035, -4.0961, -18.1885

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.3778, 3.5870, -63.8857 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(42, 137, 235)` looks like.

```
.text, #text, p{  
    color:rgb(42, 137, 235)  
}
```

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(42, 137, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 137, 235) }
```

Border

The CSS property to change the border of an element to HunterLab 49.3778, 3.5870, -63.8857 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(42, 137, 235) }
```


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

```
.border{ border-color:rgb(42, 137, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 137, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 137, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 137, 235);  
box-shadow:4px 4px 4px 4px rgb(42, 137,  
235) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.3778, 3.5870, -63.8857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 137, 235) }
```

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

```
.background{ background-color: rgb(42, 137,  
235) }
```

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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