

Converting Colors

HunterLab(63.7858, -4.5358,
-28.4481)

Have a look what the booklet for
HunterLab(63.7858, -4.5358,
-28.4481) contains.

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Color

**HunterLab(63.6899, -4.3764,
-28.4838)**

Conversions

Conversions Part 1

Format	Color
Hex	82AEE3
RGB	130, 174, 227
RGB Percent	51%, 68%, 89%
CMY	0.4902, 0.3176, 0.1098
CMYK	0.43, 0.23, 0.00, 0.11
HSL	213°, 63%, 70%
HSV	213°, 43%, 89%
XYZ	38.2071, 40.5640, 78.4890
YIQ	166.8860, -43.2370, 7.1550

Conversions

Conversions Part 2

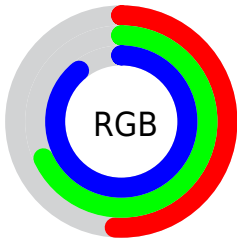
Format	Color
R _Y B	130, 160, 227
Decimal	8564451
CIE Lab	69.87, -1.12, -31.28
CIE LCh	70, 31.295, 267.956
Yxy	40.5656, 0.2430, 0.2579
Android (android.graphics.Color)	4286754531 (0xFF82AEE3)
YUV	166.8860, 29.6362, -32.3490
Hunter-Lab	63.6899, -4.3764, -28.4838

Details

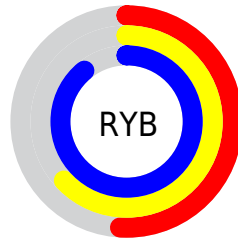
The HunterLab color $63.6899, -4.3764, -28.4838$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $71.9797, 4.5815, 27.0367$, and the grayscale version is $62.0123, -3.3088, 3.3692$.

A 20% lighter version of the original color is $85.8474, -12.3377, -12.6575$, and $42.8430, -3.2640, -26.9762$ is the 20% darker color. If you saturate the color by 10%, you get $58.6436, -2.7428, -37.3870$, and if you desaturate by 10%, it is $68.9774, -5.3178, -20.0568$.

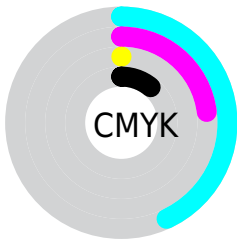
Distribution



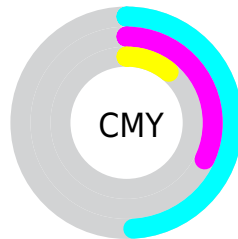
- Red (51%)
- Green (68%)
- Blue (89%)



- Red (51%)
- Yellow (63%)
- Blue (89%)



- Cyan (43%)
- Magenta (23%)
- Yellow (0%)
- Black (11%)



- Cyan (49%)
- Magenta (32%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.6899, -4.3764, -28.4838 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 63.6899, -4.3764, -28.4838 by changing the saturation by 10% instead.

■ 63.6899, -4.3764,
-28.4838

■ 63.6899, -4.3764,
-28.4838

186.6820,
-11.3682, -31.1079

■ 52.8959, -3.7412,
-27.9365

■ 87.1917, -5.7401,
-29.4275

■ 42.7907, -3.1385,
-27.3545

■ 99.8325, -6.4655,
-29.8204

■ 33.4262, -2.5704,
-26.7615

■ 113.0313, -7.2185,
-30.1601

■ 24.8664, -2.0388,
-26.2152

126.7654, -7.9983,
-30.4476

■ 17.1956, -1.5459,
-25.8576

141.0146, -8.8039,
-30.6844

■ 10.5322, -1.0939,
-26.1015

155.7610, -9.6346,

0.0000, NaN, -NF

-30.8722

0.0000, NaN, -NF

170.9884,
-10.4896, -31.0128

0.0000, NaN, NaN

■ 63.6899, -4.3764,
-28.4838

■ 63.6899, -4.3764,
-28.4838

■ 58.6436, -2.7428,
-37.3870

■ 68.9774, -5.3178,
-20.0568

■ 53.8667, -0.3077,
-46.8037

■ 74.4755, -5.6648,
-12.0633

■ 49.3962, 3.0383,
-56.7390

■ 80.1625, -5.5036,
-4.4518

■ 45.2712, 7.3868,
-67.1529

■ 86.0189, -4.9068,
2.8268

■ 41.5287, 12.7755,
-77.9420

■ 92.0284, -3.9355,
9.8179

■ 39.0393, 17.2410,
-86.0140

■ 97.0569, -6.5307,
15.2968

■ 99.1595, -9.9599,
17.4737

Harmonies

Analogous

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



63.6911, -17.3020, -22.8308



63.6899, -4.3764, -28.4838



63.6911, 9.9634, -24.1324

Triad

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



63.6911, -4.3767, -28.4825



63.6911, 22.6625, 14.5188



63.6911, -25.0098, 15.8075

Complementary

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



63.6899, -4.3764, -28.4838



71.9797, 4.5815, 27.0367

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.



63.6911, -15.7484, 22.4656



63.6899, -4.3764, -28.4838



63.6911, 11.8032, 21.8446

Square

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



63.6911, -4.3767, -28.4825



63.6911, 26.3700, 2.5297



63.6911, -2.4210, 24.4073



63.6911, -28.5445, 4.3901

Rectangle

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



63.6899, -4.3764, -28.4838



63.6911, 18.2580, -16.5836



63.6911, -2.4210, 24.4073



63.6911, -22.5054, 18.5734

Sweetspot

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



63.6911, -4.3767, -28.4825



91.2299, -6.2948, -5.3800



79.4049, -37.5927, 15.3326



41.5329, -2.9505, -3.3669

0.0000, NaN, NaN



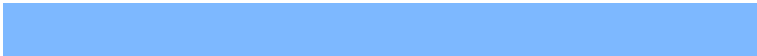
46.2646, -2.4686, 2.5136

Same Dimension

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



63.6911, -4.3767, -28.4825



67.7002, -3.4430, -41.1987



51.4960, 19.2741, -51.6040



38.6764, -2.5231, -0.9609



30.1907, 12.3586, -64.4144



9.2582, 1.2776, -14.3299

Inverse Universe

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



59.4589, 37.9522, -2.6295



62.7478, 52.9463, -3.2266



85.0652, -18.4123, 37.3735



38.0476, 2.1352, 1.1644



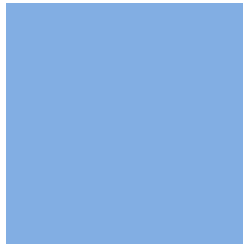
31.8086, 56.3393, 6.0876



8.7533, 15.7032, 0.1302

Previews

White Background



This preview shows how the HunterLab color 63.6899, -4.3764, -28.4838 looks on a white background.

Color Contrast Check

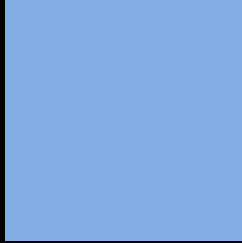
Large Text (above 18pt) WCAG AA × Fail

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 63.6899, -4.3764, -28.4838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

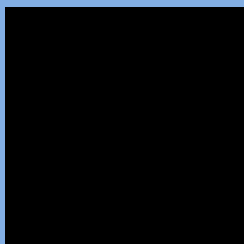
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

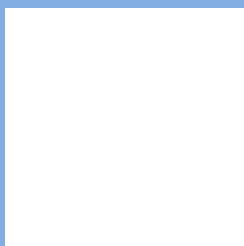
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.6899, -4.3764, -28.4838 Background



This preview shows how black text looks on a background with the HunterLab color 63.6899, -4.3764, -28.4838.



This preview shows how white text looks on a background with the HunterLab color 63.6899, -4.3764, -28.4838.

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

63.6899, -4.3764, -28.4838

Protanopia

63.4835, 3.7345, -26.0169

Deuteranopia

63.6213, 4.6282, -29.1176



Tritanopia

63.7201, -16.4223, -8.5140

Trichromacy



Original Color

63.6899, -4.3764, -28.4838

Protanomaly

63.4368, 0.6476, -26.8103

Deuteranomaly

63.5379, 1.3382, -29.3165

Tritanomaly

63.7041, -12.3659, -15.3088

Monochromacy



Original Color

63.6899, -4.3764, -28.4838

Achromatopsia

62.1634, -3.3169, 3.3775

Achromatomaly

62.6846, -4.6606, -6.9926

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.6899, -4.3764, -28.4838 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(130, 174, 227)` looks like.

```
.text, #text, p{  
    color:rgb(130, 174, 227)  
}
```

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(130, 174, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 174, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 63.6899, -4.3764, -28.4838 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(130, 174, 227) }
```


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

```
.border{ border-color:rgb(130, 174, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 174, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 174, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 174, 227);  
box-shadow:4px 4px 4px 4px rgb(130, 174,  
227) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.6899, -4.3764, -28.4838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 174, 227) }
```

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

```
.background{ background-color: rgb(130,  
174, 227) }
```

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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