

Converting Colors

HunterLab(70.7531, -0.8363,
-23.9699)

Have a look what the booklet for
HunterLab(70.7531, -0.8363,
-23.9699) contains.

HunterLab(70.7333, -0.8209, -24.2315)	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(70.7333, -0.8209,
-24.2315)**

Conversions

Conversions Part 1

Format	Color
Hex	A4BCEE
RGB	164, 188, 238
RGB Percent	64%, 74%, 93%
CMY	0.3568, 0.2627, 0.0667
CMYK	0.31, 0.21, 0.00, 0.07
HSL	221°, 69%, 79%
HSV	221°, 31%, 93%
XYZ	48.7257, 50.0320, 87.9780
YIQ	186.5240, -30.3540, 10.4620

Conversions

Conversions Part 2

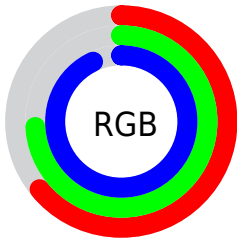
Format	Color
R_{YB}	164, 182, 238
Decimal	10796270
CIE _{Lab}	76.09, 3.23, -27.51
CIE _{LCh}	76, 27.695, 276.704
Yxy	50.0340, 0.2609, 0.2679
Android (android.graphics.Color)	4288986350 (0xFFA4BCEE)
YUV	186.5240, 25.3777, -19.7535
Hunter-Lab	70.7333, -0.8209, -24.2315

Details

The HunterLab color $70.7333, -0.8209, -24.2315$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $83.0370, -3.4205, 26.0282$, and the grayscale version is $70.2004, -3.7457, 3.8141$.

A 20% lighter version of the original color is $93.3472, -10.5412, -2.7551$, and $49.0106, -0.0418, -23.3389$ is the 20% darker color. If you saturate the color by 10%, you get $64.2198, 1.6313, -35.0798$, and if you desaturate by 10%, it is $77.5019, -2.6516, -14.1719$.

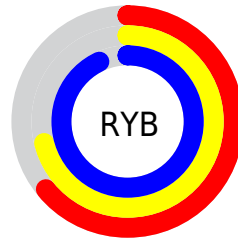
Distribution



Red (64%)

Green (74%)

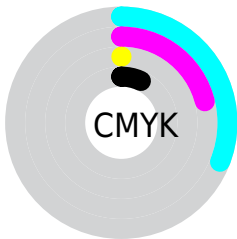
Blue (93%)



Red (64%)

Yellow (71%)

Blue (93%)

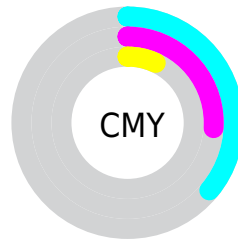


Cyan (31%)

Magenta (21%)

Yellow (0%)

Black (7%)



Cyan (36%)

Magenta (26%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.7333, -0.8209, -24.2315 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 70.7333, -0.8209, -24.2315 by changing the saturation by 10% instead.

■ 70.7333, -0.8209,
-24.2315

■ 70.7333, -0.8209,
-24.2315

■ 196.6720, -6.3640,
-25.6745

■ 59.5318, -0.3856,
-23.8022

■ 94.9869, -1.8164,
-24.9150

■ 48.9921, 0.0049,
-23.3198

■ 107.9776, -2.3700,
-25.1738

■ 39.1603, 0.3455,
-22.7906

■ 121.5118, -2.9581,
-25.3790

■ 30.0916, 0.6301,
-22.2349

■ 135.5685, -3.5791,
-25.5327

■ 21.8566, 0.8506,
-21.7037

■ 150.1289, -4.2314,
-25.6372

■ 14.5502, 0.9947,
-21.3356

■ 165.1763, -4.9138,

■ 8.2110, 1.2772,

-25.6943

-21.9857

180.6953, -5.6250,
-25.7062

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 70.7333, -0.8209,
-24.2315

■ 70.7333, -0.8209,
-24.2315

■ 64.2198, 1.6313,
-35.0798

■ 77.5019, -2.6516,
-14.1719

■ 57.9980, 4.8405,
-46.8689

■ 84.4894, -3.9681,
-4.7715

■ 52.1210, 8.9617,
-59.7422

■ 91.6716, -4.8591,
4.0858

■ 46.6545, 14.1604,
-73.8012

■ 98.6202, -6.8172,
12.0194

■ 41.6796, 20.5751,

■ 99.4752, -8.2186,

-89.0244

12.9397

■ 37.2906, 28.2355,
-105.1377

■ 33.9232, 35.8752,
-119.8453

Harmonies

Analogous

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



70.7347, -13.4406, -21.8007



70.7333, -0.8209, -24.2315



70.7347, 11.8700, -18.1112

Triad

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



70.7347, -0.8216, -24.2301



70.7347, 17.5084, 16.6948



70.7347, -25.4024, 12.6635

Complementary

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



70.7333, -0.8209, -24.2315



83.0370, -3.4205, 26.0282

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.



70.7347, -18.1739, 20.4536



70.7333, -0.8209, -24.2315



70.7347, 6.4328, 22.4691

Square

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



70.7347, -0.8216, -24.2301



70.7347, 22.9380, 6.5834



70.7347, -6.6866, 23.7083



70.7347, -27.0366, 1.0036

Rectangle

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



70.7333, -0.8209, -24.2315



70.7347, 18.4660, -10.5635



70.7347, -6.6866, 23.7083



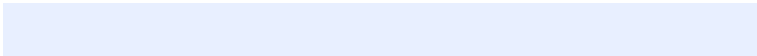
70.7347, -23.5731, 15.7519

Sweetspot

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



70.7347, -0.8216, -24.2301



92.9551, -4.5245, -3.1448



85.9440, -30.0682, 8.8501



42.4855, -2.0176, -2.1155

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.7347, -0.8216, -24.2301



72.2025, 0.6262, -33.1865



64.8032, 15.2002, -33.8104



40.0822, -1.9370, -1.5494



25.7459, 25.6774, -87.6104



8.5175, 4.7047, -20.8022

Inverse Universe

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



69.5417, 26.1856, 2.7447



70.9931, 35.0584, 3.0734



89.4122, -19.6477, 31.4607



39.8037, 2.0244, 1.8361



32.3458, 56.3870, 13.1967



9.4231, 16.6076, 2.4436

Previews

White Background



This preview shows how the HunterLab color 70.7333, -0.8209, -24.2315 looks on a white background.

Color Contrast Check

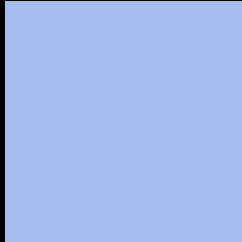
Large Text (above 18pt) WCAG AA × Fail

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 70.7333, -0.8209, -24.2315 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

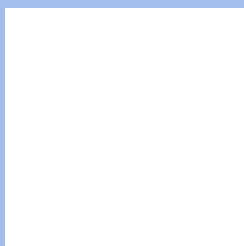
Any Text WCAG AAA ✓ Pass

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

HunterLab 70.7333, -0.8209, -24.2315 Background



This preview shows how black text looks on a background with the HunterLab color 70.7333, -0.8209, -24.2315.



This preview shows how white text looks on a background with the HunterLab color 70.7333, -0.8209, -24.2315.

-24.2315.

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

70.7333, -0.8209, -24.2315

Protanopia

70.6173, 3.2311, -23.0571

Deuteranopia

70.6951, 5.2584, -24.8331



Tritanopia

70.7195, -10.9865, -7.1879

Trichromacy



Original Color

70.7333, -0.8209, -24.2315

Protanomaly

70.6330, 1.8388, -23.6983

Deuteranomaly

70.5791, 3.3513, -25.0504

Tritanomaly

70.6417, -7.2716, -13.4278

Monochromacy



Original Color

70.7333, -0.8209, -24.2315

Achromatopsia

70.4935, -3.7614, 3.8300

Achromatomaly

70.4135, -2.8065, -5.8287

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.7333, -0.8209, -24.2315 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(164, 188, 238)` looks like.

```
.text, #text, p{  
    color:rgb(164, 188, 238)  
}
```

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(164, 188, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 188, 238) }
```

Border

The CSS property to change the border of an element to HunterLab 70.7333, -0.8209, -24.2315 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(164, 188, 238) }
```


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

```
.border{ border-color:rgb(164, 188, 238) }
```

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

Here you see how a box with a 4 pixel rgb(164, 188, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 188, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 188, 238);  
box-shadow:4px 4px 4px 4px rgb(164, 188,  
238) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.7333, -0.8209, -24.2315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 188, 238) }
```

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

```
.background{ background-color: rgb(164,  
188, 238) }
```

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