

Converting Colors

HunterLab(63.9761, 7.3975,
-23.7001)

Have a look what the booklet for
HunterLab(63.9761, 7.3975,
-23.7001) contains.

HunterLab(64.0885, 7.0694, -23.6700)	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(64.0885, 7.0694,
-23.6700)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A7DD
RGB	167, 167, 221
RGB Percent	65%, 65%, 87%
CMY	0.3451, 0.3451, 0.1333
CMYK	0.24, 0.24, 0.00, 0.13
HSL	240°, 44%, 76%
HSV	240°, 24%, 87%
XYZ	42.8062, 41.0734, 74.0784
YIQ	173.1560, -17.3340, 16.7940

Conversions

Conversions Part 2

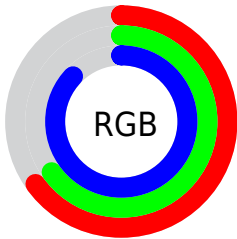
Format	Color
RYB	167, 167, 221
Decimal	10987485
CIELab	70.23, 11.59, -27.23
CIELCh	70, 29.597, 293.051
Yxy	41.0750, 0.2710, 0.2600
Android (android.graphics.Color)	4289177565 (0xFFA7A7DD)
YUV	173.1560, 23.5871, -5.3988
Hunter-Lab	64.0885, 7.0694, -23.6700

Details

The HunterLab color $64.0885, 7.0694, -23.6700$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $83.5915, -12.5014, 25.3581$, and the grayscale version is $64.6204, -3.4480, 3.5109$.

A 20% lighter version of the original color is $86.6894, 1.9061, -11.2547$, and $43.1185, 7.1436, -22.9123$ is the 20% darker color. If you saturate the color by 10%, you get $56.0828, 12.6859, -37.5393$, and if you desaturate by 10%, it is $72.4514, 2.0203, -11.3009$.

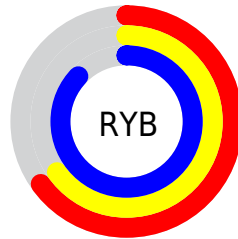
Distribution



Red (65%)

Green (65%)

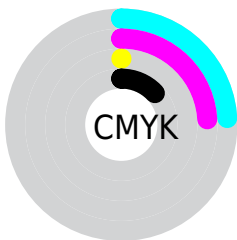
Blue (87%)



Red (65%)

Yellow (65%)

Blue (87%)

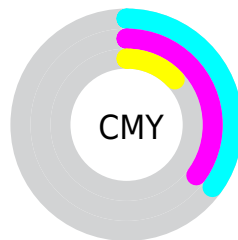


Cyan (24%)

Magenta (24%)

Yellow (0%)

Black (13%)



Cyan (35%)

Magenta (35%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.0885, 7.0694, -23.6700 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 64.0885, 7.0694, -23.6700 by changing the saturation by 10% instead.

■ 64.0885, 7.0694,
-23.6700

■ 64.0885, 7.0694,
-23.6700

187.2522, 4.7623,
-25.3135

■ 53.2707, 7.0592,
-23.2149

■ 87.6343, 6.8968,
-24.4057

■ 43.1400, 6.9765,
-22.7093

■ 100.2955, 6.7271,
-24.6891

■ 33.7479, 6.8099,
-22.1651

113.5138, 6.5073,
-24.9178

■ 25.1580, 6.5451,
-21.6156

127.2667, 6.2409,
-25.0939

■ 17.4537, 6.1620,
-21.1480

141.5340, 5.9308,
-25.2194

■ 10.7516, 5.6300,
-21.0234

156.2979, 5.5796,

■ 1.5903, 31.6701,

-25.2965

-84.3024

171.5422, 5.1895,
-25.3273

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.0885, 7.0694,
-23.6700

■ 64.0885, 7.0694,
-23.6700

■ 56.0828, 12.6859,
-37.5393

■ 72.4514, 2.0203,
-11.3009

■ 48.5121, 19.0498,
-53.3788

■ 81.1103, -2.5984,
-0.0701

■ 41.4971, 26.3570,
-71.7068

■ 90.0247, -6.8926,
10.2993

■ 35.2149, 34.7349,
-92.8676

■ 98.9952, -10.8686,
19.8398

■ 29.9221, 43.9737,

-116.3397

■ 25.9515, 52.9980,
-139.3672

■ 23.6036, 59.5943,
-156.2453

■ 22.8486, 61.9756,
-162.3463

Harmonies

Analogous

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



64.0898, -6.5356, -26.2073



64.0885, 7.0694, -23.6700



64.0898, 18.6857, -13.2134

Triad

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



64.0898, 7.0685, -23.6686



64.0898, 12.9507, 20.2614



64.0898, -27.2241, 6.4067

Complementary

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



64.0885, 7.0694, -23.6700



83.5915, -12.5014, 25.3581

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.



64.0898, -22.8896, 16.6356



64.0885, 7.0694, -23.6700



64.0898, -0.2501, 23.4896

Square

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



64.0898, 7.0685, -23.6686



64.0898, 22.2734, 12.4295



64.0898, -13.2804, 22.3153



64.0898, -25.6168, -6.9608

Rectangle

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



64.0885, 7.0694, -23.6700



64.0898, 23.3659, -4.1411



64.0898, -13.2804, 22.3153



64.0898, -26.4265, 10.2822

Sweetspot

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



64.0898, 7.0685, -23.6686



92.6854, -1.6726, -3.4367



80.6857, -20.1320, -0.4410



42.5920, -0.6235, -1.9548

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.0898, 7.0685, -23.6686



70.7944, 11.3876, -35.4111



66.4904, 14.8884, -19.7676



35.5208, -0.1563, -2.5718



17.4147, 47.2360, -123.7357



4.4327, 12.0223, -31.4931

Inverse Universe

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



67.6763, 15.0627, 9.9352



75.9384, 22.5283, 13.0338



81.2973, -20.8242, 23.0670



36.1269, 1.2870, 3.0402



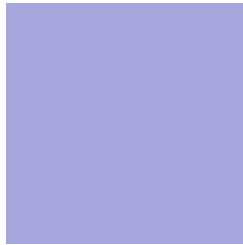
29.8830, 51.1755, 19.3095



7.6061, 13.0257, 4.9147

Previews

White Background



This preview shows how the HunterLab color 64.0885, 7.0694, -23.6700 looks on a white background.

Color Contrast Check

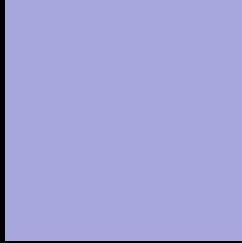
Large Text (above 18pt) WCAG AA × Fail

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 64.0885, 7.0694, -23.6700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

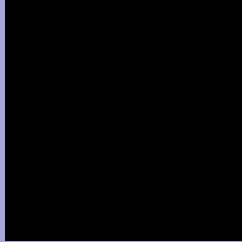
Any Text WCAG AA ✓ Pass

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 64.0885, 7.0694, -23.6700 Background



This preview shows how black text looks on a background with the HunterLab color 64.0885, 7.0694, -23.6700.



This preview shows how white text looks on a background with the HunterLab color 64.0885, 7.0694, -23.6700.

-23.6700.

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

64.0885, 7.0694, -23.6700

Protanopia

64.2225, 3.2300, -24.8201

Deuteranopia

64.2478, 4.6425, -23.4575



Tritanopia

63.9911, -4.8404, -4.2136

Trichromacy



Original Color

64.0885, 7.0694, -23.6700

Protanomaly

64.2082, 4.5931, -24.1686

Deuteranomaly

64.1235, 5.7111, -23.6377

Tritanomaly

64.0592, -0.7113, -10.5495

Monochromacy



Original Color

64.0885, 7.0694, -23.6700

Achromatopsia

64.6440, -3.4492, 3.5122

Achromatomaly

64.4216, -0.0996, -5.1401

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.0885, 7.0694, -23.6700 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(167, 167, 221)` looks like.

```
.text, #text, p{  
    color:rgb(167, 167, 221)  
}
```

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(167, 167, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 167, 221) }
```

Border

The CSS property to change the border of an element to HunterLab 64.0885, 7.0694, -23.6700 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(167, 167, 221) }
```


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

```
.border{ border-color:rgb(167, 167, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 167, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 167, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 167, 221);  
box-shadow:4px 4px 4px 4px rgb(167, 167,  
221) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.0885, 7.0694, -23.6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 167, 221) }
```

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

```
.background{ background-color: rgb(167,  
167, 221) }
```

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