

Converting Colors

HunterLab(64.7109, -6.8907,
9.1555)

Have a look what the booklet for
HunterLab(64.7109, -6.8907, 9.1555)
contains.

HunterLab(64.6962, -7.0784, 9.2629)	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(64.6962, -7.0784,
9.2629)**

Conversions

Conversions Part 1

Format	Color
Hex	ABAFA0
RGB	171, 175, 160
RGB Percent	67%, 69%, 63%
CMY	0.3294, 0.3137, 0.3725
CMYK	0.02, 0.00, 0.09, 0.31
HSL	76°, 9%, 66%
HSV	76°, 9%, 69%
XYZ	38.4698, 41.8560, 39.3092
YIQ	172.0940, 2.4310, -5.5130

Conversions

Conversions Part 2

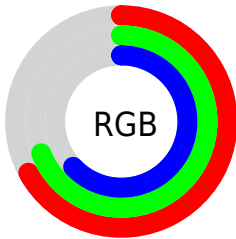
Format	Color
RYB	160, 175, 164
Decimal	11251616
CIELab	70.77, -4.16, 7.20
CIELCh	71, 8.314, 120.046
Yxy	41.8578, 0.3216, 0.3499
Android (android.graphics.Color)	4289441696 (0xFFABAFA0)
YUV	172.0940, -5.9623, -0.9594
Hunter-Lab	64.6962, -7.0784, 9.2629

Details

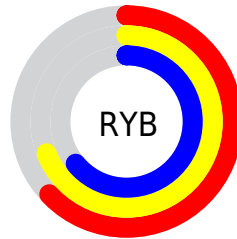
The HunterLab color $64.6962, -7.0784, 9.2629$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $60.1087, 0.5885, -2.9583$, and the grayscale version is $64.2929, -3.4305, 3.4932$.

A 20% lighter version of the original color is $88.4460, -9.0562, 11.2445$, and $43.8087, -5.5603, 7.3166$ is the 20% darker color. If you saturate the color by 10%, you get $63.8534, -10.9769, 15.2081$, and if you desaturate by 10%, it is $65.6108, -2.8751, 2.5535$.

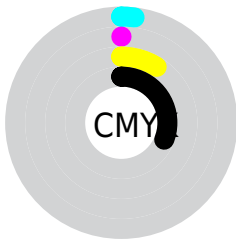
Distribution



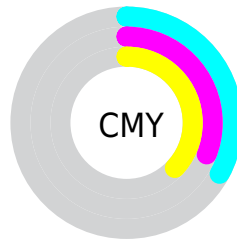
- Red (67%)
- Green (69%)
- Blue (63%)



- Red (63%)
- Yellow (69%)
- Blue (64%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (31%)



- Cyan (33%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.6962, -7.0784, 9.2629 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 64.6962, -7.0784, 9.2629 by changing the saturation by 10% instead.

■ 64.6962, -7.0784,
9.2629

■ 64.6962, -7.0784,
9.2629

188.1205,
-15.2503, 18.6414

■ 53.8423, -6.2800,
8.2976

■ 88.3088, -8.7456,
11.2350

■ 43.6729, -5.5014,
7.3410

■ 101.0009, -9.6112,
12.2430

■ 34.2392, -4.7432,
6.3895

114.2489,
-10.4985, 13.2671

■ 25.6037, -4.0032,
5.4358

128.0302,
-11.4072, 14.3078

■ 17.8485, -3.2771,
4.4668

142.3250,
-12.3371, 15.3654

■ 11.0880, -2.5555,
3.5084

157.1155,

■ 2.9249, -5.1186,

-13.2878, 16.4402

2.0474

172.3855,
-14.2590, 17.5321

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.6962, -7.0784,
9.2629

■ 64.6962, -7.0784,
9.2629

■ 63.8534, -10.9769,
15.2081

■ 65.6108, -2.8751,
2.5535

■ 63.0779, -14.5568,
20.3764

■ 66.5929, 1.6261,
-4.9064

■ 62.3706, -17.8133,
24.7662

■ 67.6433, 6.4104,
-13.0937

■ 61.7303, -20.7437,
28.3843

■ 68.7613, 11.4630,
-21.9823

■ 61.1551, -23.3492,

■ 69.9457, 16.7684,

31.2477

-31.5424

■ 60.6427, -25.6363,
33.3853

■ 70.7295, 19.9217,
-35.3743

■ 60.1899, -27.6171,
34.8404

■ 71.1866, 21.3544,
-34.5583

■ 59.7922, -29.3118,
35.6743

■ 71.6547, 22.8127,
-33.7297

■ 59.4407, -30.7681,
36.0169

■ 72.1335, 24.2958,
-32.8890

Harmonies

Analogous

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



64.6976, -3.4615, 10.1051



64.6962, -7.0784, 9.2629



64.6976, -9.6763, 6.9028

Triad

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



64.6976, -7.0800, 9.2638



64.6976, -7.0699, -2.8066



64.6976, 4.0282, 3.5273

Complementary

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



64.6962, -7.0784, 9.2629



60.1087, 0.5885, -2.9583

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.



64.6976, 3.0095, -0.0524



64.6962, -7.0784, 9.2629



64.6976, -3.4496, -3.8356

Square

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



64.6976, -7.0800, 9.2638



64.6976, -9.6706, -0.0627



64.6976, 0.2504, -2.8004



64.6976, 3.0033, 6.9120

Rectangle

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



64.6962, -7.0784, 9.2629



64.6976, -10.5085, 4.7137



64.6976, 0.2504, -2.8004



64.6976, 3.9131, 2.3065

Sweetspot

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



64.6976, -7.0800, 9.2638



87.2437, -6.4180, 7.5648



61.8096, -0.4444, 6.1764



41.0846, -3.2377, 3.9048



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



64.6976, -7.0800, 9.2638



86.3934, -10.3371, 13.7392



64.0620, -9.3379, 8.5303



30.3663, -3.4639, 4.5668



50.2902, -26.0835, 30.5319



8.5345, -3.7779, 5.1928

Inverse Universe

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



60.1087, 0.5885, -2.9583



79.1187, 1.8240, -5.6481



60.7882, 2.8964, -2.0519



28.0299, 0.4410, -1.6575



16.3420, 41.5492, -94.5784



3.1809, 7.3858, -12.9710

Previews

White Background



This preview shows how the HunterLab color 64.6962, -7.0784, 9.2629 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 64.6962, -7.0784, 9.2629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

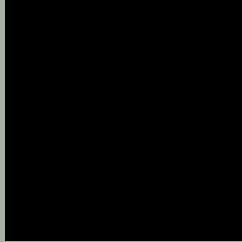
Any Text WCAG AA ✓ Pass

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 64.6962, -7.0784, 9.2629 Background



This preview shows how black text looks on a background with the HunterLab color 64.6962, -7.0784, 9.2629.



This preview shows how white text looks on a background with the HunterLab color 64.6962, -7.0784, 9.2629.

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

64.6962, -7.0784, 9.2629

Protanopia

64.5845, -2.9317, 9.6334

Deuteranopia

64.5875, 4.6734, 8.5015



Tritanopia

64.6085, 0.2072, -2.3055

Trichromacy



Original Color

64.6962, -7.0784, 9.2629

Protanomaly

64.6045, -4.3822, 9.6297

Deuteranomaly

64.6233, 0.3164, 8.8907

Tritanomaly

64.5278, -2.1502, 1.9838

Monochromacy



Original Color

64.6962, -7.0784, 9.2629

Achromatopsia

64.2295, -3.4271, 3.4897

Achromatomaly

64.4088, -4.5639, 5.5069

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6962, -7.0784, 9.2629 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(171, 175, 160)` looks like.

```
.text, #text, p{  
    color:rgb(171, 175, 160)  
}
```

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(171, 175, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 175, 160) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6962, -7.0784, 9.2629 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(171, 175, 160) }
```


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

```
.border{ border-color:rgb(171, 175, 160) }
```

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

Here you see how a box with a 4 pixel rgb(171, 175, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 175, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 175, 160);  
box-shadow:4px 4px 4px 4px rgb(171, 175,  
160) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.6962, -7.0784, 9.2629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 175, 160) }
```

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

```
.background{ background-color: rgb(171,  
175, 160) }
```

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