

Converting Colors

HunterLab(66.7387, 15.6058,
-18.7558)

Have a look what the booklet for
HunterLab(66.7387, 15.6058,
-18.7558) contains.

HunterLab(66.7387, 15.6058, -18.7558)	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(66.7387, 15.6058,
-18.7558)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A7DC
RGB	196, 167, 220
RGB Percent	77%, 65%, 86%
CMY	0.2314, 0.3451, 0.1373
CMYK	0.11, 0.24, 0.00, 0.14
HSL	273°, 43%, 76%
HSV	273°, 24%, 86%
XYZ	49.5020, 44.5405, 73.6984
YIQ	181.7130, 0.2710, 22.6310

Conversions

Conversions Part 2

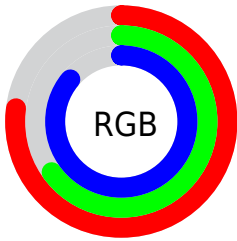
Format	Color
RYB	196, 167, 220
Decimal	12888028
CIELab	72.59, 20.44, -22.86
CIELCh	73, 30.664, 311.792
Yxy	44.5424, 0.2951, 0.2655
Android (android.graphics.Color)	4291078108 (0xFFC4A7DC)
YUV	181.7130, 18.8755, 12.5297
Hunter-Lab	66.7387, 15.6058, -18.7558

Details

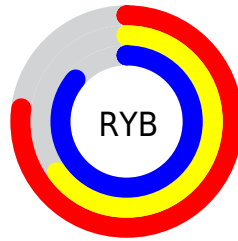
The HunterLab color $66.7387, 15.6058, -18.7558$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $80.6560, -21.5174, 22.4471$, and the grayscale version is $68.1994, -3.6389, 3.7054$.

A 20% lighter version of the original color is $89.6355, 11.7681, -7.1399$, and $45.5290, 14.7225, -18.0441$ is the 20% darker color. If you saturate the color by 10%, you get $59.8861, 24.2729, -29.7104$, and if you desaturate by 10%, it is $73.9467, 7.1251, -8.5998$.

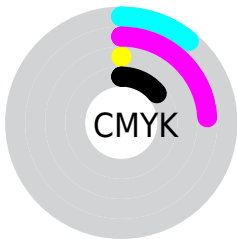
Distribution



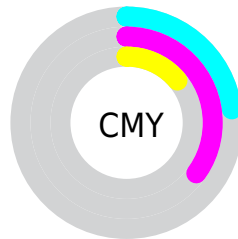
- Red (77%)
- Green (65%)
- Blue (86%)



- Red (77%)
- Yellow (65%)
- Blue (86%)



- Cyan (11%)
- Magenta (24%)
- Yellow (0%)
- Black (14%)



- Cyan (23%)
- Magenta (35%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.7387, 15.6058, -18.7558 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 66.7387, 15.6058, -18.7558 by changing the saturation by 10% instead.

■ 66.7387, 15.6058, -18.7558

■ 66.7387, 15.6058, -18.7558

191.0280, 16.2991, -19.1611

■ 55.7648, 15.1973, -18.4343

■ 90.5722, 16.1804, -19.2116

■ 45.4674, 14.6983, -18.0517

■ 103.3672, 16.3639, -19.3539

■ 35.8958, 14.0950, -17.6092

116.7136, 16.4852, -19.4421

■ 27.1099, 13.3715, -17.1183

130.5897, 16.5490, -19.4790

■ 19.1875, 12.5075, -16.6147

144.9758, 16.5592, -19.4672

■ 12.2356, 11.4807, -16.2102

159.8545, 16.5190,

■ 5.3543, 16.3448,

-19.4088

-21.2082

175.2101, 16.4314,
-19.3062

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 66.7387, 15.6058,
-18.7558

■ 66.7387, 15.6058,
-18.7558

■ 59.8861, 24.2729,
-29.7104

■ 73.9467, 7.1251,
-8.5998

■ 53.4541, 33.0949,
-41.5858

■ 81.4530, -1.1700,
0.8834

■ 47.5341, 41.9477,
-54.4323

■ 89.2181, -9.3031,
9.8156

■ 42.2409, 50.5455,
-68.1264

■ 97.2085, -17.2988,
18.2979

■ 37.7125, 58.3411,

■ 98.1054, -14.0828,

-82.1924

19.2845

■ 34.0924, 64.4774,
-95.6196

■ 98.9684, -11.0172,
20.2267

■ 31.4818, 67.9763,
-106.9316

■ 30.3107, 68.9554,
-112.5633

Harmonies

Analogous

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



66.7401, 2.1017, -27.0874



66.7387, 15.6058, -18.7558



66.7401, 24.3745, -4.9948

Triad

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



66.7401, 15.6043, -18.7543



66.7401, 5.1747, 23.8805



66.7401, -28.2231, -1.8904

Complementary

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



66.7387, 15.6058, -18.7558



80.6560, -21.5174, 22.4471

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.



66.7401, -27.5505, 11.2432



66.7387, 15.6058, -18.7558



66.7401, -9.0480, 24.3693

Square

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



66.7401, 15.6043, -18.7543



66.7401, 18.0152, 18.7154



66.7401, -20.7880, 20.2284



66.7401, -22.7092, -16.0769

Rectangle

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



66.7387, 15.6058, -18.7558



66.7401, 25.9471, 4.4390



66.7401, -20.7880, 20.2284



66.7401, -28.6997, 2.8165

Sweetspot

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



66.7401, 15.6043, -18.7543



93.6132, 1.5065, -2.2095



71.3911, -5.8009, -12.3444



43.0583, 0.9720, -1.3342

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.7401, 15.6043, -18.7543



74.6598, 23.6963, -28.7116



69.2308, 23.2858, -13.8760



36.0090, 1.5069, -1.9103



23.3645, 52.9917, -85.5159



6.3608, 13.9818, -19.8324

Inverse Universe

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



68.2763, 18.3970, -0.4108



76.9484, 27.6762, -1.3969



78.9043, -27.9781, 20.0101



36.2617, 2.0119, 1.1175



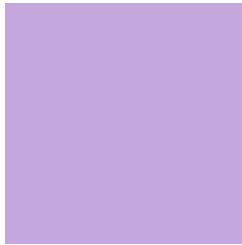
30.8018, 54.5591, 5.8712



7.9490, 14.2841, -0.0660

Previews

White Background



This preview shows how the HunterLab color 66.7387, 15.6058, -18.7558 looks on a white background.

Color Contrast Check

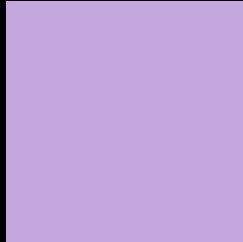
Large Text (above 18pt) WCAG AA × Fail

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 66.7387, 15.6058, -18.7558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

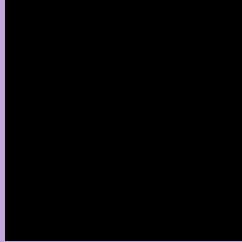
Any Text WCAG AA ✓ Pass

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 66.7387, 15.6058, -18.7558 Background



This preview shows how black text looks on a background with the HunterLab color 66.7387, 15.6058, -18.7558.



This preview shows how white text looks on a background with the HunterLab color 66.7387, 15.6058, -18.7558.

-18.7558.

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

66.7387, 15.6058, -18.7558

Protanopia

66.8608, 3.4418, -23.1845

Deuteranopia

66.7087, 5.2806, -18.3667



Tritanopia

66.7468, 4.6031, -0.5518

Trichromacy



Original Color

66.7387, 15.6058, -18.7558

Protanomaly

66.7953, 7.4514, -21.3077

Deuteranomaly

66.5639, 9.2214, -18.5165

Tritanomaly

66.7733, 8.4246, -6.6844

Monochromacy



Original Color

66.7387, 15.6058, -18.7558

Achromatopsia

68.3947, -3.6494, 3.7160

Achromatomaly

67.8193, 2.8602, -3.8165

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.7387, 15.6058, -18.7558 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(196, 167, 220)` looks like.

```
.text, #text, p{  
    color:rgb(196, 167, 220)  
}
```

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(196, 167, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 167, 220) }
```

Border

The CSS property to change the border of an element to HunterLab 66.7387, 15.6058, -18.7558 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(196, 167, 220) }
```


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

```
.border{ border-color:rgb(196, 167, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 167, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 167, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 167, 220);  
box-shadow:4px 4px 4px 4px rgb(196, 167,  
220) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.7387, 15.6058, -18.7558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 167, 220) }
```

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

```
.background{ background-color: rgb(196,  
167, 220) }
```

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