

Converting Colors

HunterLab(67.3522, -20.8561,
-13.3031)

Have a look what the booklet for
HunterLab(67.3522, -20.8561,
-13.3031) contains.

HunterLab(67.4746, -21.0699, -12.9439)	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(67.4746,
-21.0699, -12.9439)**

Conversions

Conversions Part 1

Format	Color
Hex	6BC0D3
RGB	107, 192, 211
RGB Percent	42%, 75%, 83%
CMY	0.5804, 0.2470, 0.1725
CMYK	0.49, 0.09, 0.00, 0.17
HSL	191°, 54%, 62%
HSV	191°, 49%, 83%
XYZ	36.6709, 45.5282, 68.4830
YIQ	168.7510, -56.7590, -12.1110

Conversions

Conversions Part 2

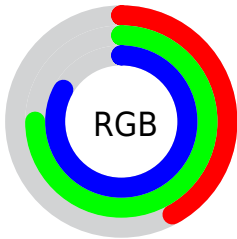
Format	Color
RYB	107, 154, 211
Decimal	7061715
CIELab	73.24, -20.65, -17.50
CIELCh	73, 27.067, 220.274
Yxy	45.5300, 0.2434, 0.3022
Android (android.graphics.Color)	4285251795 (0xFF6BC0D3)
YUV	168.7510, 20.8288, -54.1556
Hunter-Lab	67.4746, -21.0699, -12.9439

Details

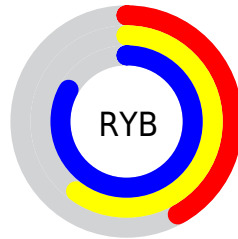
The HunterLab color **67.4746, -21.0699, -12.9439** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **54.6197, 25.2668, 18.9980**, and the grayscale version is **62.8206, -3.3520, 3.4132**.

A 20% lighter version of the original color is **91.0296, -27.4596, -6.0093**, and **45.9979, -17.5687, -12.5052** is the 20% darker color. If you saturate the color by 10%, you get **65.3506, -22.5826, -16.0399**, and if you desaturate by 10%, it is **69.7970, -18.8668, -9.6731**.

Distribution



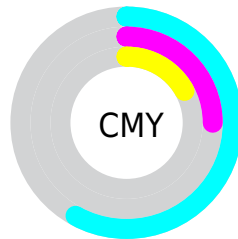
- Red (42%)
- Green (75%)
- Blue (83%)



- Red (42%)
- Yellow (60%)
- Blue (83%)



- Cyan (49%)
- Magenta (9%)
- Yellow (0%)
- Black (17%)



- Cyan (58%)
- Magenta (25%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.4746, -21.0699, -12.9439 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 67.4746, -21.0699, -12.9439 by changing the saturation by 10% instead.

■ 67.4746, -21.0699,
-12.9439

■ 67.4746, -21.0699,
-12.9439

192.0718,
-35.6980, -11.8222

■ 56.4580, -19.3608,
-12.8011

■ 91.3866, -24.3997,
-13.0432

■ 46.1152, -17.6066,
-12.5930

■ 104.2181,
-26.0351, -13.0096

■ 36.4947, -15.7898,
-12.3148

■ 117.5996,
-27.6581, -12.9246

■ 27.6556, -13.8840,
-11.9655

131.5093,
-29.2725, -12.7913

■ 19.6742, -11.8454,
-11.5524

145.9280,
-30.8814, -12.6121

■ 12.6552, -9.5953,
-11.1122

160.8382,

■ 5.9886, -10.4800,

-32.4874, -12.3895

-13.3371

176.2242,
-34.0923, -12.1256

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 67.4746, -21.0699,
-12.9439

■ 67.4746, -21.0699,
-12.9439

■ 65.3506, -22.5826,
-16.0399

■ 69.7970, -18.8668,
-9.6731

■ 63.4221, -23.3833,
-18.9425

■ 72.3101, -16.0076,
-6.2551

■ 61.6866, -23.4736,
-21.6344

■ 75.0089, -12.5376,
-2.7132

■ 60.1342, -22.8848,
-24.1098


■ 77.8860, -8.5069,
0.9297


■ 58.7339, -21.7346,

■ 80.9328, -3.9671,

-26.4012

4.6528

 58.6361, -21.6455,
-26.5636

 84.1405, 1.0307,
8.4380

 87.5001, 6.4382,
12.2702

 88.6865, 4.4927,
13.5258

 89.8522, 2.4481,
14.7429

Harmonies

Analogous

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



67.4759, -25.7751, -0.5575



67.4746, -21.0699, -12.9439



67.4759, -11.5686, -21.7490

Triad

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



67.4759, -21.0703, -12.9428



67.4759, 20.6852, -4.5563



67.4759, -7.8606, 22.6040

Complementary

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



67.4746, -21.0699, -12.9439



54.6197, 25.2668, 18.9980

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.



67.4759, 4.7481, 21.9276



67.4746, -21.0699, -12.9439



67.4759, 21.8602, 7.6460

Square

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



67.4759, -21.0703, -12.9428



67.4759, 12.7403, -16.3267



67.4759, 15.8422, 16.9084



67.4759, -18.5268, 18.9640

Rectangle

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



67.4746, -21.0699, -12.9439



67.4759, -3.4882, -23.5978



67.4759, 15.8422, 16.9084



67.4759, -3.7196, 22.8550

Sweetspot

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



67.4759, -21.0703, -12.9428



94.3800, -13.5550, -1.5138



71.5395, -42.8101, 27.4363



43.3172, -6.7510, -1.1433

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.4759, -21.0703, -12.9428



80.8807, -28.0301, -20.0051



52.0358, 3.0860, -38.1020



36.0894, -3.9666, 0.4111



45.7033, -17.0195, -20.3850



11.2506, -4.6115, -4.1074

Inverse Universe

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



53.0767, 47.1444, -22.1781



60.7012, 70.7473, -32.7064



67.8919, -0.2097, 29.6824



34.5983, 2.4689, -0.4652



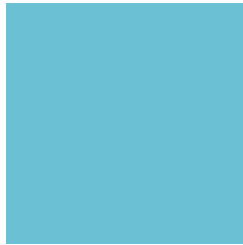
31.9060, 60.3507, -23.6516



7.6097, 14.5004, -6.4670

Previews

White Background



This preview shows how the HunterLab color 67.4746, -21.0699, -12.9439 looks on a white background.

Color Contrast Check

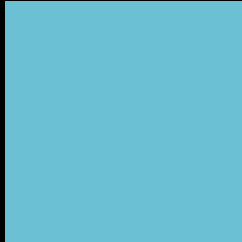
Large Text (above 18pt) WCAG AA × Fail

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 67.4746, -21.0699, -12.9439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

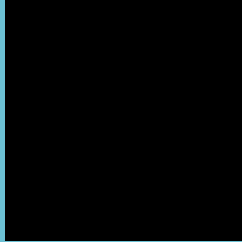
Any Text WCAG AA ✓ Pass

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 67.4746, -21.0699, -12.9439 Background



This preview shows how black text looks on a background with the HunterLab color 67.4746, -21.0699, -12.9439.



This preview shows how white text looks on a background with the HunterLab color 67.4746, -21.0699, -12.9439.

-21.0699, -12.9439.

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

67.4746, -21.0699, -12.9439

Protanopia

67.2451, -0.1914, -7.8341

Deuteranopia

67.1937, 5.1044, -15.2340



Tritanopia

67.3183, -21.8763, -11.4596

Trichromacy



Original Color

67.4746, -21.0699, -12.9439

Protanomaly

66.9020, -8.9395, -10.1178

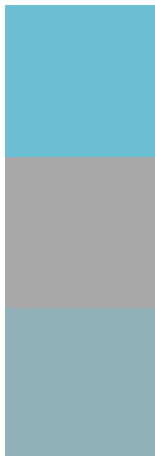
Deuteranomaly

66.8394, -5.3432, -15.3401

Tritanomaly

67.3550, -21.6655, -11.9743

Monochromacy



Original Color

67.4746, -21.0699, -12.9439

Achromatopsia

62.9885, -3.3609, 3.4223

Achromatomaly

64.0437, -11.1035, -2.7124

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.4746, -21.0699, -12.9439 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(107, 192, 211)` looks like.

```
.text, #text, p{  
    color:rgb(107, 192, 211)  
}
```

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(107, 192, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 192, 211) }
```

Border

The CSS property to change the border of an element to HunterLab 67.4746, -21.0699, -12.9439 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(107, 192, 211) }
```


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

```
.border{ border-color:rgb(107, 192, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 192, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 192, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 192, 211);  
box-shadow:4px 4px 4px 4px rgb(107, 192,  
211) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.4746, -21.0699, -12.9439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 192, 211) }
```

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

```
.background{ background-color: rgb(107,  
192, 211) }
```

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