

Converting Colors

HunterLab(72.1616, -34.9109,
13.4166)

Have a look what the booklet for
HunterLab(72.1616, -34.9109,
13.4166) contains.

HunterLab(72.1616, -34.9109, 13.4166)	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(72.1616,
-34.9109, 13.4166)**

Conversions

Conversions Part 1

Format	Color
Hex	73D1A8
RGB	115, 209, 168
RGB Percent	45%, 82%, 66%
CMY	0.5490, 0.1804, 0.3412
CMYK	0.45, 0.00, 0.20, 0.18
HSL	154°, 51%, 64%
HSV	154°, 45%, 82%
XYZ	36.9386, 52.0730, 45.1500
YIQ	176.2200, -42.8630, -32.6790

Conversions

Conversions Part 2

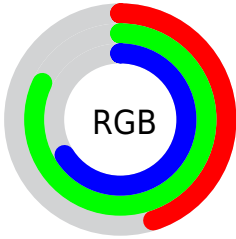
Format	Color
RYB	115, 175, 209
Decimal	7590312
CIELab	77.33, -37.38, 11.76
CIELCh	77, 39.188, 162.530
Yxy	52.0751, 0.2753, 0.3881
Android (android.graphics.Color)	4285780392 (0xFF73D1A8)
YUV	176.2200, -4.0525, -53.6899
Hunter-Lab	72.1616, -34.9109, 13.4166

Details

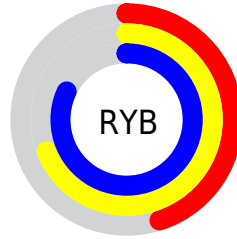
The HunterLab color $72.1616, -34.9109, 13.4166$ is a light color, and the websafe version is hex $66CC99$. A complement of this color would be $53.1210, 36.1654, -1.7414$, and the grayscale version is $66.0124, -3.5223, 3.5866$.

A 20% lighter version of the original color is $92.4693, -34.6602, 11.6098$, and $50.2710, -29.5539, 10.9720$ is the 20% darker color. If you saturate the color by 10%, you get $71.0543, -39.7453, 15.7609$, and if you desaturate by 10%, it is $73.4901, -29.2984, 11.1637$.

Distribution



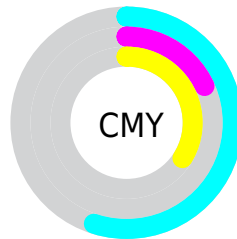
- Red (45%)
- Green (82%)
- Blue (66%)



- Red (45%)
- Yellow (69%)
- Blue (82%)



- Cyan (45%)
- Magenta (0%)
- Yellow (20%)
- Black (18%)



- Cyan (55%)
- Magenta (18%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.1616, -34.9109, 13.4166 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 72.1616, -34.9109, 13.4166 by changing the saturation by 10% instead.

■ 72.1616, -34.9109,
13.4166

■ 72.1616, -34.9109,
13.4166

198.6772,
-56.2207, 24.6096

■ 60.8810, -32.2621,
12.2001

■ 96.5619, -39.9634,
15.8518

■ 50.2571, -29.5007,
10.9763

■ 109.6209,
-42.3956, 17.0754

■ 40.3351, -26.5947,
9.7383

■ 123.2208,
-44.7800, 18.3061

■ 31.1686, -23.4961,
8.4744

137.3407,
-47.1248, 19.5456

■ 22.8261, -20.1300,
7.1658

151.9622,
-49.4363, 20.7948

■ 15.3986, -16.3709,
5.7794

167.0686,

■ 9.0056, -15.7597,

-51.7200, 22.0548

5.9053

182.6449,
-53.9802, 23.3262

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.1616, -34.9109,
13.4166

■ 72.1616, -34.9109,
13.4166

■ 71.0543, -39.7453,
15.7609

■ 73.4901, -29.2984,
11.1637

■ 70.1582, -43.7759,
18.1628

■ 75.0375, -22.9476,
9.0272

■ 69.4649, -47.0052,
20.5884

■ 76.8042, -15.9166,
7.0306

■ 68.9592, -49.4646,
23.0003


■ 78.7864, -8.2716,
5.1912


■ 68.6194, -51.2226,


■ 80.9785, -0.0836,


25.3592


3.5213

 68.4887, -51.9309,
26.4991

 83.3730, 8.5756,
2.0284

 85.2518, 15.3420,
-0.1998

 85.5627, 16.9699,
-4.6095

 85.8884, 18.6690,
-9.2113

Harmonies

Analogous

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



72.1631, -26.4838, 24.7787



72.1616, -34.9109, 13.4166



72.1631, -35.5669, -3.8536

Triad

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



72.1631, -34.9118, 13.4174



72.1631, 4.0738, -37.8246



72.1631, 24.4520, 23.3567

Complementary

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



72.1616, -34.9109, 13.4166



53.1210, 36.1654, -1.7414

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.



72.1631, 34.5017, 10.9293



72.1616, -34.9109, 13.4166



72.1631, 21.9608, -25.9262

Square

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



72.1631, -34.9118, 13.4174



72.1631, -14.2849, -36.6665



72.1631, 33.5464, -7.0555



72.1631, 7.2046, 29.4372

Rectangle

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



72.1616, -34.9109, 13.4166



72.1631, -31.6118, -16.8773



72.1631, 33.5464, -7.0555



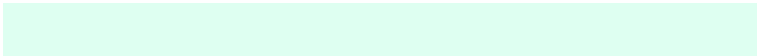
72.1631, 28.8588, 19.9391

Sweetspot

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



72.1631, -34.9118, 13.4174



96.6175, -18.2386, 8.3685



73.5115, -31.8574, 31.6573



44.4551, -9.3943, 4.1186

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.1631, -34.9118, 13.4174



89.0281, -49.5756, 19.6318



71.8185, -25.6566, -5.9957



36.4915, -5.4970, 2.8049



53.7963, -40.6607, 20.5340



12.7826, -9.2330, 3.9542

Inverse Universe

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



53.1210, 36.1654, -1.7414



61.0257, 55.8591, -2.0147



53.0615, 28.4859, 15.0706



34.4857, 1.8651, 1.1360



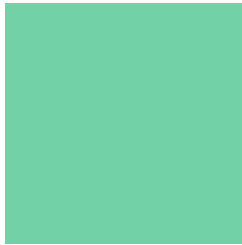
29.7394, 52.5654, 6.5362



7.1437, 12.8358, -0.0508

Previews

White Background



This preview shows how the HunterLab color 72.1616, -34.9109, 13.4166 looks on a white background.

Color Contrast Check

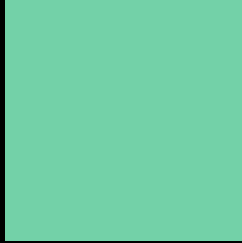
Large Text (above 18pt) WCAG AA × Fail

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 72.1616, -34.9109, 13.4166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

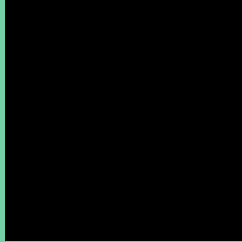
Any Text WCAG AA ✓ Pass

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 72.1616, -34.9109, 13.4166 Background



This preview shows how black text looks on a background with the HunterLab color 72.1616, -34.9109, 13.4166.



This preview shows how white text looks on a background with the HunterLab color 72.1616, -34.9109, 13.4166.

-34.9109, 13.4166.

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

72.1616, -34.9109, 13.4166

Protanopia

71.5145, -4.8717, 17.1633

Deuteranopia

71.5675, 5.2133, 11.0161



Tritanopia

72.0362, -20.3120, -10.5604

Trichromacy



Original Color

72.1616, -34.9109, 13.4166



Protanomaly

71.0799, -17.3507, 14.9827



Deuteranomaly

70.8116, -11.3523, 10.7557



Tritanomaly

72.1413, -26.2233, -0.9152

Monochromacy



Original Color

72.1616, -34.9109, 13.4166



Achromatopsia

65.8903, -3.5157, 3.5799



Achromatomaly

67.7153, -16.0852, 6.8281

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.1616, -34.9109, 13.4166 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(115, 209, 168)` looks like.

```
.text, #text, p{  
    color:rgb(115, 209, 168)  
}
```

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(115, 209, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 209, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 72.1616, -34.9109, 13.4166 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(115, 209, 168) }
```


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

```
.border{ border-color:rgb(115, 209, 168) }
```

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

Here you see how a box with a 4 pixel rgb(115, 209, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 209, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 209, 168);  
box-shadow:4px 4px 4px 4px rgb(115, 209,  
168) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.1616, -34.9109, 13.4166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 209, 168) }
```

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

```
.background{ background-color: rgb(115,  
209, 168) }
```

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