

Converting Colors

HunterLab(68.1086, 34.1133,
15.8126)

Have a look what the booklet for
HunterLab(68.1086, 34.1133,
15.8126) contains.

HunterLab(68.0996, 34.0691, 15.9421)	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(68.0996, 34.0691,
15.9421)**

Conversions

Conversions Part 1

Format	Color
Hex	FF999A
RGB	255, 153, 154
RGB Percent	100%, 60%, 60%
CMY	0.0000, 0.4000, 0.3961
CMYK	0.00, 0.40, 0.40, 0.00
HSL	359°, 100%, 80%
HSV	359°, 40%, 100%
XYZ	58.4639, 46.3756, 36.4419
YIQ	183.6120, 60.4710, 21.9350

Conversions

Conversions Part 2

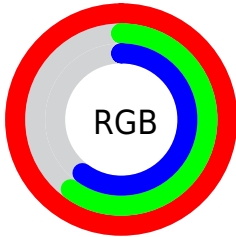
Format	Color
R_{YB}	255, 153, 154
Decimal	16751002
CIE _{Lab}	73.79, 38.20, 15.95
CIE _{LCh}	74, 41.399, 22.660
Yxy	46.3779, 0.4138, 0.3283
Android (android.graphics.Color)	4294941082 (0xFFFF999A)
YUV	183.6120, -14.5987, 62.6073
Hunter-Lab	68.0996, 34.0691, 15.9421

Details

The HunterLab color **68.0996, 34.0691, 15.9421** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92.4386, -32.7984, -3.7583**, and the grayscale version is **69.1131, -3.6877, 3.7550**.

A 20% lighter version of the original color is **84.5074, 11.4292, 10.4058**, and **46.5787, 31.5803, 12.9206** is the 20% darker color. If you saturate the color by 10%, you get **61.7643, 44.6232, 18.9869**, and if you desaturate by 10%, it is **75.2116, 23.6501, 13.0337**.

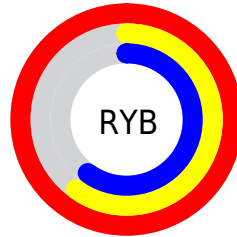
Distribution



Red (100%)

Green (60%)

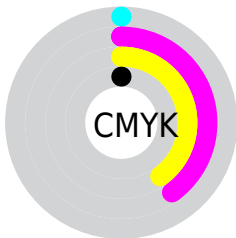
Blue (60%)



Red (100%)

Yellow (60%)

Blue (60%)

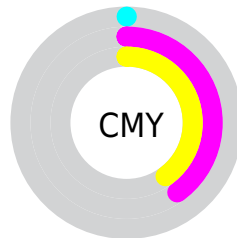


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.0996, 34.0691, 15.9421 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 68.0996, 34.0691, 15.9421 by changing the saturation by 10% instead.


 68.0996, 34.0691,
15.9421


 68.0996, 34.0691,
15.9421


192.9574, 40.5347,
28.7587

 57.0474, 32.9213,
14.4868


 92.0783, 36.0519,
18.8072

 46.6663, 31.6646,
13.0021


 104.9407, 36.9101,
20.2263

 37.0047, 30.2864,
11.4754


118.3519, 37.6871,
21.6424

 28.1208, 28.7806,
9.8857

132.2901, 38.3889,
23.0582

 20.0898, 27.1533,
8.1991

146.7363, 39.0204,
24.4762

 13.0143, 25.4572,
6.6172

161.6730, 39.5859,

 6.4775, 28.1383,

25.8980

4.5343

177.0848, 40.0896,
27.3252

0.0000, INF, NaN

0.0000, NaN, NaN

■ 68.0996, 34.0691,
15.9421

■ 68.0996, 34.0691,
15.9421

■ 61.7643, 44.6232,
18.9869

■ 75.2116, 23.6501,
13.0337

■ 56.3502, 54.9103,
22.0442

■ 82.9656, 13.5779,
10.3091

■ 52.0121, 64.2495,
24.9051

■ 91.2573, 3.9164,
7.7793

■ 48.8725, 71.7676,
27.2860

100.0000, -5.3358,
5.4332

■ 46.9678, 76.6855,

28.9172

■ 46.1146, 78.9837,
29.7063

■ 46.1144, 78.9842,
29.7065

Harmonies

Analogous

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



68.1013, 37.1745, -0.9546



68.0996, 34.0691, 15.9421



68.1013, 20.3417, 26.2090

Triad

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



68.1013, 34.0655, 15.9433



68.1013, -30.6793, 21.8173



68.1013, -8.3096, -41.3719

Complementary

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



68.0996, 34.0691, 15.9421



92.4386, -32.7984, -3.7583

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.



68.1013, -24.6983, -30.7188



68.0996, 34.0691, 15.9421



68.1013, -36.6468, 8.0606

Square

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



68.1013, 34.0655, 15.9433



68.1013, -17.3411, 28.8831



68.1013, -34.5857, -11.3293



68.1013, 11.2436, -37.5328

Rectangle

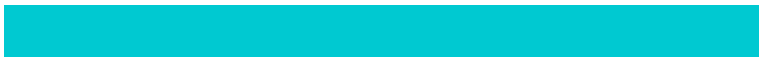
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.0996, 34.0691, 15.9421



68.1013, 7.7689, 29.5113



68.1013, -34.5857, -11.3293



68.1013, -14.3391, -39.2852

Sweetspot

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



68.1013, 34.0655, 15.9433



89.5580, 5.8181, 8.2707



71.3749, 50.3047, -33.7275



40.9255, 3.2697, 3.9766

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.1013, 34.0655, 15.9433



62.9613, 42.5194, 18.3729



81.2058, 7.7624, 28.1686



42.4146, 1.5967, 3.5436



33.3360, 57.1012, 21.4459



10.4067, 17.8348, 6.6231

Inverse Universe

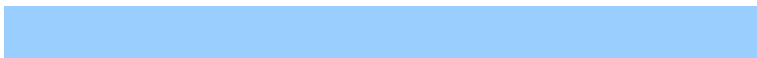
The Inverse Universe completely reimagines the original color for something new.



68.1013, 34.0655, 15.9433



62.9613, 42.5194, 18.3729



76.1530, -8.5968, -26.8834



42.4146, 1.5967, 3.5436



33.3360, 57.1012, 21.4459



10.4067, 17.8348, 6.6231

Previews

White Background



This preview shows how the HunterLab color 68.0996, 34.0691, 15.9421 looks on a white background.

Color Contrast Check

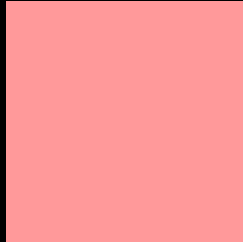
Large Text (above 18pt) WCAG AA × Fail

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 68.0996, 34.0691, 15.9421 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 68.0996, 34.0691, 15.9421 Background



This preview shows how black text looks on a background with the HunterLab color 68.0996, 34.0691, 15.9421.



This preview shows how white text looks on a background with the HunterLab color 68.0996, 34.0691,

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

68.0996, 34.0691, 15.9421

Protanopia

68.2395, -3.4591, 9.8010

Deuteranopia

68.2375, 4.6111, 17.0577



Tritanopia

68.0888, 35.7251, 12.4088

Trichromacy



Original Color

68.0996, 34.0691, 15.9421



Protanomaly

67.6515, 9.1170, 11.4784



Deuteranomaly

67.8532, 14.8130, 16.4869



Tritanomaly

68.0107, 35.3422, 13.5334

Monochromacy



Original Color

68.0996, 34.0691, 15.9421



Achromatopsia

69.2330, -3.6941, 3.7616



Achromatomaly

68.2685, 8.8184, 7.8855

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.0996, 34.0691, 15.9421 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(255, 153, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 154)  
}
```

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(255, 153, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 68.0996, 34.0691, 15.9421 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(255, 153, 154) }
```


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

```
.border{ border-color:rgb(255, 153, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
154) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.0996, 34.0691, 15.9421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 154) }
```

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

```
.background{ background-color: rgb(255,  
153, 154) }
```

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