

Converting Colors

HunterLab(68.9213, 23.9338,
34.7057)

Have a look what the booklet for
HunterLab(68.9213, 23.9338,
34.7057) contains.

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Color

**HunterLab(68.8992, 23.9588,
34.7417)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA159
RGB	255, 161, 89
RGB Percent	100%, 63%, 35%
CMY	0.0000, 0.3686, 0.6510
CMYK	0.00, 0.37, 0.65, 0.00
HSL	26°, 100%, 67%
HSV	26°, 65%, 100%
XYZ	55.7880, 47.4710, 15.6737
YIQ	180.8980, 79.1360, -2.4640

Conversions

Conversions Part 2

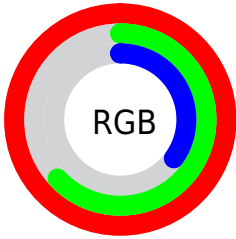
Format	Color
R_{YB}	255, 216, 89
Decimal	16752985
CIE Lab	74.49, 28.59, 51.20
CIE LCh	74, 58.642, 60.821
Yxy	47.4734, 0.4691, 0.3991
Android (android.graphics.Color)	4294943065 (0xFFFFA159)
YUV	180.8980, -45.3057, 64.9875
Hunter-Lab	68.8992, 23.9588, 34.7417

Details

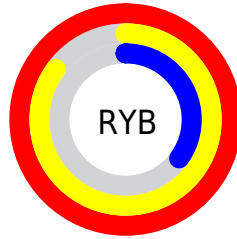
The HunterLab color **68.8992, 23.9588, 34.7417** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **65.7333, -8.8502, -44.9840**, and the grayscale version is **68.0952, -3.6334, 3.6997**.

A 20% lighter version of the original color is **85.0264, -0.5746, 34.8110**, and **47.4901, 22.4472, 27.2598** is the 20% darker color. If you saturate the color by 10%, you get **65.0829, 30.1431, 36.2801**, and if you desaturate by 10%, it is **73.0206, 18.2068, 32.2655**.

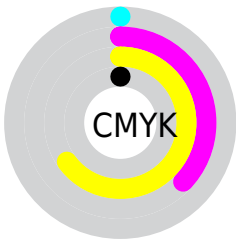
Distribution



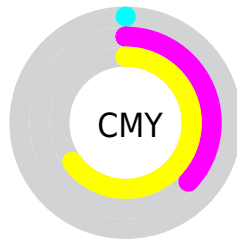
- Red (100%)
- Green (63%)
- Blue (35%)



- Red (100%)
- Yellow (85%)
- Blue (35%)



- Cyan (0%)
- Magenta (37%)
- Yellow (65%)
- Black (0%)





- Cyan (0%)
- Magenta (37%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.8992, 23.9588, 34.7417 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 68.8992, 23.9588, 34.7417 by changing the saturation by 10% instead.

 68.8992, 23.9588,
34.7417


 68.8992, 23.9588,
34.7417


194.0879, 27.2867,
62.7926


 57.8014, 23.2083,
31.0832


 92.9623, 25.1777,
41.6087


 47.3717, 22.3586,
27.2326


 105.8639, 25.6696,
44.8626

 37.6578, 21.3937,
23.1530


 119.3127, 26.0905,
48.0211

 28.7172, 20.2998,
18.9086

 133.2872, 26.4453,
51.0981

 20.6234, 19.0635,
14.4364

147.7683, 26.7387,
54.1049

 13.4767, 17.6824,
9.4337

162.7389, 26.9745,

 7.0516, 18.4206,

57.0512

4.9361

178.1835, 27.1562,
59.9449

0.0000, INF, NaN

0.0000, NaN, NaN

■ 68.8992, 23.9588,
34.7417

■ 68.8992, 23.9588,
34.7417

■ 65.0829, 30.1431,
36.2801

■ 73.0206, 18.2068,
32.2655

■ 61.5935, 36.7032,
36.8308

■ 77.4147, 12.9279,
28.9262

■ 58.4567, 43.5115,
36.4131

■ 82.0576, 8.1198,
24.8116

■ 57.0475, 46.8591,
35.9727

■ 86.9256, 3.7670,
20.0085

■ 91.9976, -0.1565,

14.5974

97.2545, -3.6816,
8.6501

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



68.9010, 47.6953, 24.8170



68.8992, 23.9588, 34.7417



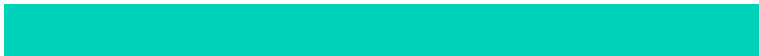
68.9010, -4.4343, 37.4141

Triad

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



68.9010, 23.9549, 34.7425



68.9010, -48.8709, 3.0275



68.9010, 25.4683, -54.7195

Complementary

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



68.8992, 23.9588, 34.7417



65.7333, -8.8502, -44.9840

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.



68.9010, -2.9226, -67.6081



68.8992, 23.9588, 34.7417



68.9010, -43.3637, -27.2137

Square

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



68.9010, 23.9549, 34.7425



68.9010, -43.9356, 23.9957



68.9010, -27.5468, -55.9828



68.9010, 48.6608, -25.4562

Rectangle

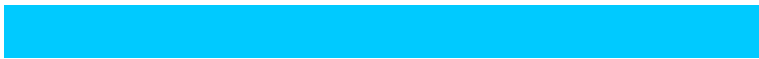
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.8992, 23.9588, 34.7417



68.9010, -21.4376, 36.0893



68.9010, -27.5468, -55.9828



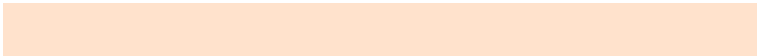
68.9010, 16.0805, -61.5273

Sweetspot

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



68.9010, 23.9549, 34.7425



89.4868, 1.7154, 17.3217



56.4152, 70.1275, -11.1308



40.7444, 1.3108, 8.7081

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.9010, 23.9549, 34.7425



64.0351, 32.0136, 36.5426



93.0818, -18.3517, 51.0148



43.9125, -1.0062, 5.2433



41.5801, 33.0077, 26.1993



13.7687, 8.3827, 8.6310

Inverse Universe

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



65.7333, -8.8502, -44.9840



60.2798, -5.3335, -56.0035



42.9785, 35.8194, -103.4031



43.6862, -3.4895, -0.6247



38.1566, 2.5779, -53.2574



12.7866, -0.7088, -14.4521

Previews

White Background



This preview shows how the HunterLab color 68.8992, 23.9588, 34.7417 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 68.8992, 23.9588, 34.7417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

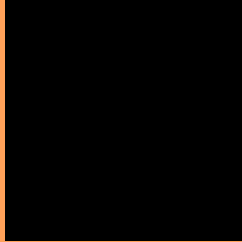
Any Text WCAG AA ✓ Pass

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 68.8992, 23.9588, 34.7417 Background



This preview shows how black text looks on a background with the HunterLab color 68.8992, 23.9588, 34.7417.



This preview shows how white text looks on a background with the HunterLab color 68.8992, 23.9588,

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

68.8992, 23.9588, 34.7417

Protanopia

69.1535, -7.7538, 32.9884

Deuteranopia

69.0382, 5.0678, 35.0688



Tritanopia

68.8617, 34.3807, 12.3848

Trichromacy



Original Color

68.8992, 23.9588, 34.7417

Protanomaly

68.8263, 3.0696, 33.5431

Deuteranomaly

68.8782, 11.6832, 34.8853

Tritanomaly

68.6878, 30.0343, 22.4220

Monochromacy



Original Color

68.8992, 23.9588, 34.7417

Achromatopsia

67.9762, -3.6270, 3.6933

Achromatomaly

67.6906, 4.1456, 17.2432

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.8992, 23.9588, 34.7417 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, 161, 89)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 89)  
}
```

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, 161, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 68.8992, 23.9588, 34.7417 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, 161, 89) }
```


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

```
.border{ border-color:rgb(255, 161, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 161, 89); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 161, 89); box-shadow:4px 4px 4px 4px rgb(255, 161, 89) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.8992, 23.9588, 34.7417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 89) }
```

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

```
.background{ background-color: rgb(255,  
161, 89) }
```

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](#).

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