

Converting Colors

HunterLab(70.7594, 20.2716,
35.8392)

Have a look what the booklet for
HunterLab(70.7594, 20.2716,
35.8392) contains.

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Color

**HunterLab(70.7131, 20.3586,
35.8192)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA85A
RGB	255, 168, 90
RGB Percent	100%, 66%, 35%
CMY	0.0000, 0.3411, 0.6470
CMYK	0.00, 0.34, 0.65, 0.00
HSL	28°, 100%, 68%
HSV	28°, 65%, 100%
XYZ	57.0881, 50.0034, 16.3156
YIQ	185.1210, 76.8900, -5.8140

Conversions

Conversions Part 2

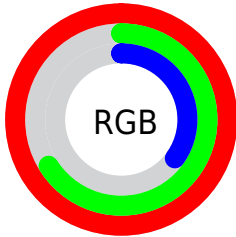
Format	Color
RYB	255, 238, 90
Decimal	16754778
CIELab	76.07, 25.00, 52.52
CIELCh	76, 58.162, 64.542
Yxy	50.0060, 0.4626, 0.4052
Android (android.graphics.Color)	4294944858 (0xFFFFA85A)
YUV	185.1210, -46.8947, 61.2839
Hunter-Lab	70.7131, 20.3586, 35.8192

Details

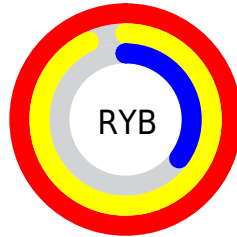
The HunterLab color **70.7131, 20.3586, 35.8192** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **63.9029, -5.7193, -48.5012**, and the grayscale version is **69.8729, -3.7282, 3.7963**.

A 20% lighter version of the original color is **87.1713, -4.0713, 36.2373**, and **49.0985, 18.9987, 28.2690** is the 20% darker color. If you saturate the color by 10%, you get **67.0322, 26.0328, 37.4038**, and if you desaturate by 10%, it is **74.6599, 15.1366, 33.2688**.

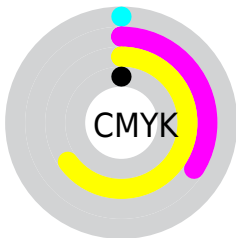
Distribution



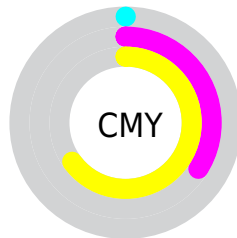
- Red (100%)
- Green (66%)
- Blue (35%)



- Red (100%)
- Yellow (93%)
- Blue (35%)



- Cyan (0%)
- Magenta (34%)
- Yellow (65%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.7131, 20.3586, 35.8192 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 70.7131, 20.3586, 35.8192 by changing the saturation by 10% instead.


 70.7131, 20.3586,
35.8192


 70.7131, 20.3586,
35.8192


196.6442, 22.4076,
64.3505


 59.5131, 19.7766,
32.1035


 94.9651, 21.2598,
42.8000


 48.9746, 19.1022,
28.1964


 107.9548, 21.6013,
46.1096

 39.1441, 18.3197,
24.0624


 121.4881, 21.8767,
49.3228

 30.0767, 17.4146,
19.7197

 135.5439, 22.0907,
52.4534

 21.8432, 16.3702,
15.2903

150.1035, 22.2475,
55.5126

 14.5385, 15.1714,
10.1770

165.1500, 22.3505,

 8.1994, 14.3570,

58.5102

5.7396

180.6682, 22.4030,
61.4539

0.0000, INF, NaN

0.0000, NaN, NaN

■ 70.7131, 20.3586,
35.8192

■ 70.7131, 20.3586,
35.8192

■ 67.0322, 26.0328,
37.4038

■ 74.6599, 15.1366,
33.2688

■ 63.6325, 32.1227,
37.9838

■ 78.8458, 10.3953,
29.8166

■ 60.5339, 38.5322,
37.5855

■ 83.2523, 6.1264,
25.5420

■ 59.0141, 41.9809,
37.0991

■ 87.8602, 2.3122,
20.5259

■ 92.6520, -1.0733,

14.8455

97.6119, -4.0597,
8.5717

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.



70.7149, 45.1281, 26.7994



70.7131, 20.3586, 35.8192



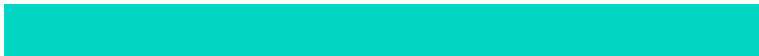
70.7149, -7.9062, 37.8245

Triad

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



70.7149, 20.3548, 35.8200



70.7149, -49.0515, -0.2412



70.7149, 28.6863, -51.2111

Complementary

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



70.7131, 20.3586, 35.8192



63.9029, -5.7193, -48.5012

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.



70.7149, 0.4492, -66.6643



70.7131, 20.3586, 35.8192



70.7149, -42.1919, -30.9225

Square

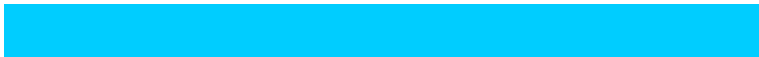
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.7149, 20.3548, 35.8200



70.7149, -45.3793, 22.1993



70.7149, -25.0520, -58.0969



70.7149, 50.4296, -21.2945

Rectangle

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



70.7131, 20.3586, 35.8192



70.7149, -24.3801, 35.9711



70.7149, -25.0520, -58.0969



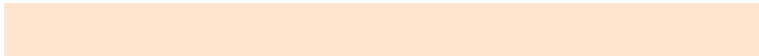
70.7149, 19.4937, -58.6979

Sweetspot

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



70.7149, 20.3548, 35.8200



90.5726, 0.3302, 17.3620



56.3799, 68.9191, -8.3463



41.2705, 0.6046, 8.7785

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.7149, 20.3548, 35.8200



65.8799, 27.9975, 37.7064



94.8992, -21.0236, 52.0648



44.0492, -1.2372, 5.3911



43.0018, 29.5184, 27.0143



14.2029, 7.3932, 8.8812

Inverse Universe

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



63.9029, -5.7193, -48.5012



57.9153, -1.4134, -61.1909



42.0344, 38.5656, -106.8678



43.5466, -3.2609, -0.7947



36.1216, 6.3114, -58.7735



12.2036, 0.2810, -15.8601

Previews

White Background



This preview shows how the HunterLab color 70.7131, 20.3586, 35.8192 looks on a white background.

Color Contrast Check

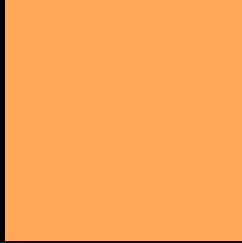
Large Text (above 18pt) WCAG AA × Fail

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 70.7131, 20.3586, 35.8192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

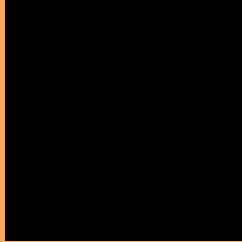
Any Text WCAG AA ✓ Pass

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 70.7131, 20.3586, 35.8192 Background



This preview shows how black text looks on a background with the HunterLab color 70.7131, 20.3586, 35.8192.



This preview shows how white text looks on a background with the HunterLab color 70.7131, 20.3586, 35.8192.

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

70.7131, 20.3586, 35.8192

Protanopia

70.7778, -8.1703, 33.9962

Deuteranopia

70.7701, 5.0874, 36.1432



Tritanopia

70.7667, 31.5535, 11.4585

Trichromacy



Original Color

70.7131, 20.3586, 35.8192

Protanomaly

70.5005, 1.4080, 34.5609

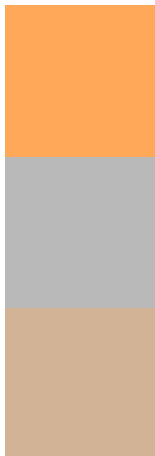
Deuteranomaly

70.6327, 10.3994, 35.9557

Tritanomaly

70.5435, 26.8465, 22.4299

Monochromacy



Original Color

70.7131, 20.3586, 35.8192

Achromatopsia

69.6527, -3.7165, 3.7844

Achromatomaly

69.3858, 2.5819, 18.1446

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.7131, 20.3586, 35.8192 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, 168, 90)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 90)  
}
```

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, 168, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 70.7131, 20.3586, 35.8192 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, 168, 90) }
```


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

```
.border{ border-color:rgb(255, 168, 90) }
```

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

Here you see how a box with a 4 pixel rgb(255, 168, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 90);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
90) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.7131, 20.3586, 35.8192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 90) }
```

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

```
.background{ background-color: rgb(255,  
168, 90) }
```

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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