

Converting Colors

HunterLab(70.7956, 23.7330,
35.7573)

Have a look what the booklet for
HunterLab(70.7956, 23.7330,
35.7573) contains.

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Color

**HunterLab(70.2052, 21.4672,
35.2773)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA65B
RGB	255, 166, 91
RGB Percent	100%, 65%, 36%
CMY	0.0000, 0.3490, 0.6431
CMYK	0.00, 0.35, 0.64, 0.00
HSL	27°, 100%, 68%
HSV	27°, 64%, 100%
XYZ	56.7645, 49.2877, 16.4191
YIQ	184.0610, 77.1190, -4.4570

Conversions

Conversions Part 2

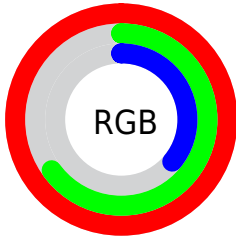
Format	Color
R_{YB}	255, 229, 91
Decimal	16754267
CIE _{Lab}	75.63, 26.10, 51.53
CIE _{LCh}	76, 57.765, 63.134
Yxy	49.2902, 0.4635, 0.4024
Android (android.graphics.Color)	4294944347 (0xFFFFA65B)
YUV	184.0610, -45.8791, 62.2135
Hunter-Lab	70.2052, 21.4672, 35.2773

Details

The HunterLab color **70.2052, 21.4672, 35.2773** 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 **64.8724, -7.0842, -46.6159**, and the grayscale version is **69.4235, -3.7043, 3.7719**.

A 20% lighter version of the original color is **86.5772, -2.9524, 35.5006**, and **48.6386, 20.0200, 27.8743** is the 20% darker color. If you saturate the color by 10%, you get **66.4522, 27.3212, 36.8955**, and if you desaturate by 10%, it is **74.2376, 16.0608, 32.7074**.

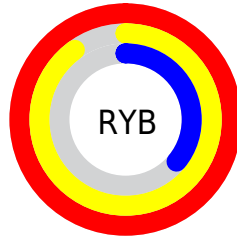
Distribution



Red (100%)

Green (65%)

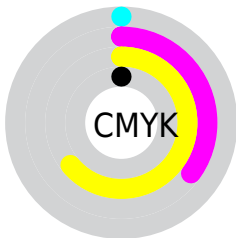
Blue (36%)



Red (100%)

Yellow (90%)

Blue (36%)

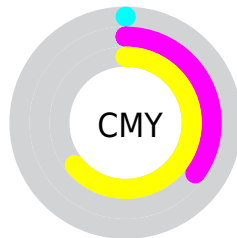


Cyan (0%)

Magenta (35%)

Yellow (64%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.2052, 21.4672, 35.2773 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 70.2052, 21.4672, 35.2773 by changing the saturation by 10% instead.


 70.2052, 21.4672,
35.2773


 70.2052, 21.4672,
35.2773


195.9295, 23.9078,
63.3935


 59.0337, 20.8335,
31.6173


 94.4046, 22.4657,
42.1531


 48.5254, 20.1053,
27.7679


 107.3698, 22.8533,
45.4134

 38.7273, 19.2667,
23.6929


 120.8795, 23.1732,
48.5791

 29.6951, 18.3034,
19.4041

 134.9127, 23.4304,
51.6640

 21.5004, 17.1992,
15.0503

149.4504, 23.6290,
54.6792

 14.2394, 15.9422,
9.9676

164.4758, 23.7727,

 7.8958, 15.4015,

57.6341

5.5271

179.9735, 23.8647,
60.5367

0.0000, INF, NaN

0.0000, NaN, NaN

■ 70.2052, 21.4672,
35.2773

■ 70.2052, 21.4672,
35.2773

■ 66.4522, 27.3212,
36.8955

■ 74.2376, 16.0608,
32.7074

■ 62.9964, 33.5814,
37.5165

■ 78.5207, 11.1330,
29.2549

■ 59.8603, 40.1437,
37.1590


■ 83.0338, 6.6767,
25.0030

■ 58.2197, 43.9254,
36.6437

■ 87.7562, 2.6741,
20.0347

■ 92.6692, -0.9011,

14.4282

 97.7560, -4.0795,
8.2547

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.



70.2070, 45.5929, 25.9266



70.2052, 21.4672, 35.2773



70.2070, -6.5839, 37.5448

Triad

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



70.2070, 21.4633, 35.2781



70.2070, -48.6839, 1.0492



70.2070, 27.1606, -51.8577

Complementary

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



70.2052, 21.4672, 35.2773



64.8724, -7.0842, -46.6159

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.



70.2070, -0.8701, -66.1483



70.2052, 21.4672, 35.2773



70.2070, -42.3728, -29.1451

Square

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



70.2070, 21.4633, 35.2781



70.2070, -44.5527, 22.7807



70.2070, -25.8410, -56.5656



70.2070, 49.2181, -22.5622

Rectangle

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



70.2052, 21.4672, 35.2773



70.2070, -23.1251, 35.8903



70.2070, -25.8410, -56.5656



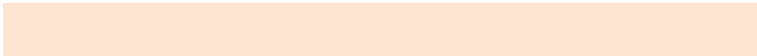
70.2070, 17.9850, -58.9910

Sweetspot

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



70.2070, 21.4633, 35.2781



90.3442, 0.7233, 17.1309



56.6452, 68.9620, -9.7583



41.1498, 0.8137, 8.6589

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.2070, 21.4633, 35.2781



65.4935, 28.9672, 37.1611



94.0288, -19.6535, 51.3548



43.9952, -1.1460, 5.3327



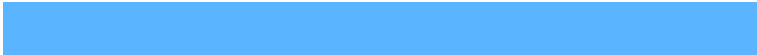
42.4281, 30.9081, 26.6851



14.0287, 7.7856, 8.7807

Inverse Universe

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



64.8724, -7.0842, -46.6159



59.2629, -3.3386, -58.1919



42.9024, 36.6141, -103.6673



43.6018, -3.3513, -0.7275



36.9177, 4.8248, -56.5593



12.4323, -0.1127, -15.2960

Previews

White Background



This preview shows how the HunterLab color 70.2052, 21.4672, 35.2773 looks on a white background.

Color Contrast Check

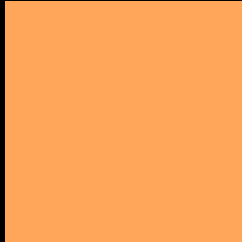
Large Text (above 18pt) WCAG AA × Fail

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 70.2052, 21.4672, 35.2773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

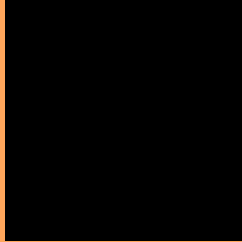
Any Text WCAG AA ✓ Pass

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 70.2052, 21.4672, 35.2773 Background



This preview shows how black text looks on a background with the HunterLab color 70.2052, 21.4672, 35.2773.



This preview shows how white text looks on a background with the HunterLab color 70.2052, 21.4672,

35.2773.

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

70.2052, 21.4672, 35.2773

Protanopia

70.3877, -7.9738, 33.4996

Deuteranopia

70.3806, 5.2596, 35.6826



Tritanopia

70.2167, 32.3597, 11.7216

Trichromacy



Original Color

70.2052, 21.4672, 35.2773

Protanomaly

69.9383, 2.4795, 33.9610

Deuteranomaly

70.3695, 10.9752, 35.5904

Tritanomaly

70.0170, 27.8024, 22.2922

Monochromacy



Original Color

70.2052, 21.4672, 35.2773

Achromatopsia

69.2330, -3.6941, 3.7616

Achromatomaly

68.8098, 3.5953, 17.6010

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.2052, 21.4672, 35.2773 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, 166, 91)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 91)  
}
```

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, 166, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 70.2052, 21.4672, 35.2773 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, 166, 91) }
```


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

```
.border{ border-color:rgb(255, 166, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 91);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
91) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.2052, 21.4672, 35.2773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 91) }
```

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

```
.background{ background-color: rgb(255,  
166, 91) }
```

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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