

Converting Colors

HunterLab(70.2074, 19.6222,
39.2522)

Have a look what the booklet for
HunterLab(70.2074, 19.6222,
39.2522) contains.

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Color

**HunterLab(70.2074, 19.6222,
39.2522)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA742
RGB	255, 167, 66
RGB Percent	100%, 65%, 26%
CMY	0.0000, 0.3451, 0.7412
CMYK	0.00, 0.35, 0.74, 0.00
HSL	32°, 100%, 63%
HSV	32°, 74%, 100%
XYZ	56.0421, 49.2908, 11.7146
YIQ	181.7980, 84.8690, -12.7550

Conversions

Conversions Part 2

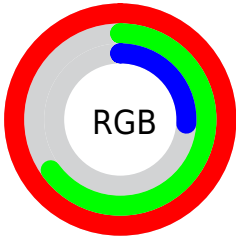
Format	Color
RYB	231, 255, 66
Decimal	16754498
CIELab	75.63, 24.30, 62.86
CIELCh	76, 67.397, 68.864
Yxy	49.2933, 0.4788, 0.4211
Android (android.graphics.Color)	4294944578 (0xFFFFA742)
YUV	181.7980, -57.0884, 64.1982
Hunter-Lab	70.2074, 19.6222, 39.2522

Details

The HunterLab color **70.2074, 19.6222, 39.2522** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **56.1142, 3.1210, -65.3295**, and the grayscale version is **68.5180, -3.6559, 3.7227**.

A 20% lighter version of the original color is **86.5069, -5.5219, 41.2467**, and **48.5787, 18.3239, 30.2548** is the 20% darker color. If you saturate the color by 10%, you get **67.0106, 24.9100, 39.9115**, and if you desaturate by 10%, it is **73.6314, 14.7710, 37.5681**.

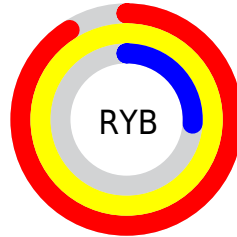
Distribution



Red (100%)

Green (65%)

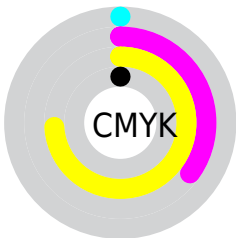
Blue (26%)



Red (91%)

Yellow (100%)

Blue (26%)

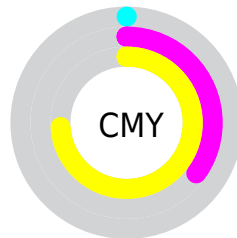


Cyan (0%)

Magenta (35%)

Yellow (74%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.2074, 19.6222, 39.2522 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 70.2074, 19.6222, 39.2522 by changing the saturation by 10% instead.


 70.2074, 19.6222,
39.2522


 70.2074, 19.6222,
39.2522


195.9326, 21.4621,
72.5700


 59.0358, 19.0664,
34.8672


 94.4071, 20.4727,
47.4749


 48.5274, 18.4189,
30.2606

 107.3724, 20.7900,
51.3606


 38.7291, 17.6640,
25.4069


 120.8822, 21.0416,
55.1228

 29.6968, 16.7868,
20.7878

 134.9155, 21.2325,
58.7779

 21.5019, 15.7701,
15.0513

 149.4533, 21.3667,
62.3395

 14.2407, 14.5976,
9.9685

164.4788, 21.4477,

 7.8972, 14.0965,

65.8191

5.5280

179.9765, 21.4786,
69.2265

0.0000, INF, NaN

0.0000, NaN, NaN

■ 70.2074, 19.6222,
39.2522

■ 70.2074, 19.6222,
39.2522

■ 67.0106, 24.9100,
39.9115

■ 73.6314, 14.7710,
37.5681

■ 64.0455, 30.5851,
39.5815

■ 77.2642, 10.3970,
34.8766

■ 62.4071, 34.0376,
39.0508


■ 81.0940, 6.5030,
31.2280

■ 85.1068, 3.0805,
26.6872

■ 89.2892, 0.1113,

21.3246

 93.6288, -2.4285,
15.2111

 98.1138, -4.5661,
8.4144

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.



70.2092, 50.3171, 31.3454



70.2074, 19.6222, 39.2522



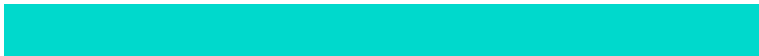
70.2092, -12.9008, 40.3715

Triad

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



70.2092, 19.6183, 39.2529



70.2092, -54.4118, -5.7166



70.2092, 38.7543, -58.0076

Complementary

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



70.2074, 19.6222, 39.2522



56.1142, 3.1210, -65.3295

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.



70.2092, 5.8950, -81.0432



70.2074, 19.6222, 39.2522



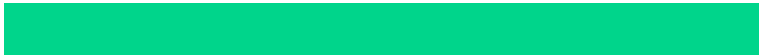
70.2092, -45.2003, -43.1872

Square

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



70.2092, 19.6183, 39.2529



70.2092, -52.0531, 21.6854



70.2092, -24.4124, -74.6648



70.2092, 62.6574, -20.4769

Rectangle

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



70.2074, 19.6222, 39.2522



70.2092, -30.8273, 38.0062



70.2092, -24.4124, -74.6648



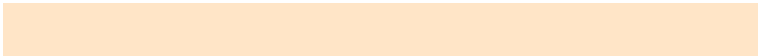
70.2092, 28.1767, -68.3204

Sweetspot

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



70.2092, 19.6183, 39.2529



90.1952, -0.4611, 20.0912



52.4371, 75.1631, -1.0394



41.1921, 0.1276, 10.0236

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.2092, 19.6183, 39.2529



65.5331, 27.6393, 39.8683



95.9153, -26.9671, 55.4440



44.2660, -1.6020, 5.6247



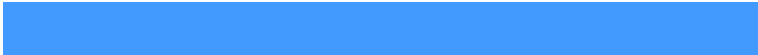
45.4451, 23.8538, 28.4207



14.9320, 5.8122, 9.3028

Inverse Universe

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



56.1142, 3.1210, -65.3295



49.4352, 11.0362, -82.8126



35.3641, 52.6579, -135.9013



43.3265, -2.8990, -1.0641



33.0519, 12.4067, -68.0945



11.3127, 1.8911, -18.2224

Previews

White Background



This preview shows how the HunterLab color 70.2074, 19.6222, 39.2522 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 70.2074, 19.6222, 39.2522 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 70.2074, 19.6222, 39.2522 Background



This preview shows how black text looks on a background with the HunterLab color 70.2074, 19.6222, 39.2522.



This preview shows how white text looks on a background with the HunterLab color 70.2074, 19.6222, 39.2522.

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

70.2074, 19.6222, 39.2522

Protanopia

70.2982, -8.8795, 37.9912

Deuteranopia

70.2108, 5.6491, 39.3913



Tritanopia

70.2167, 32.3597, 11.7216

Trichromacy



Original Color

70.2074, 19.6222, 39.2522

Protanomaly

70.0659, 0.8876, 38.2866

Deuteranomaly

70.0960, 10.9902, 39.2825

Tritanomaly

70.0859, 26.3471, 25.1807

Monochromacy



Original Color

70.2074, 19.6222, 39.2522

Achromatopsia

68.3947, -3.6494, 3.7160

Achromatomaly

68.4785, 2.0246, 20.7498

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.2074, 19.6222, 39.2522 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, 167, 66)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 66)  
}
```

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, 167, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 70.2074, 19.6222, 39.2522 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, 167, 66) }
```


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

```
.border{ border-color:rgb(255, 167, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 66);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
66) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.2074, 19.6222, 39.2522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 66) }
```

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

```
.background{ background-color: rgb(255,  
167, 66) }
```

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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