

Converting Colors

HunterLab(68.3619, 22.4753,
35.8466)

Have a look what the booklet for
HunterLab(68.3619, 22.4753,
35.8466) contains.

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Color

**HunterLab(68.3954, 22.2173,
35.7856)**

Conversions

Conversions Part 1

Format	Color
Hex	FCA151
RGB	252, 161, 81
RGB Percent	99%, 63%, 32%
CMY	0.0118, 0.3686, 0.6823
CMYK	0.00, 0.36, 0.68, 0.01
HSL	28°, 97%, 65%
HSV	28°, 68%, 99%
XYZ	54.3750, 46.7793, 13.9481
YIQ	179.0890, 79.9160, -5.5880

Conversions

Conversions Part 2

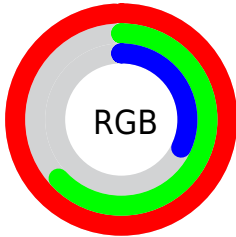
Format	Color
RYB	252, 231, 81
Decimal	16556369
CIELab	74.05, 26.93, 54.44
CIELCh	74, 60.733, 63.679
Yxy	46.7817, 0.4724, 0.4064
Android (android.graphics.Color)	4294746449 (0xFFFC A151)
YUV	179.0890, -48.3579, 63.9429
Hunter-Lab	68.3954, 22.2173, 35.7856

Details

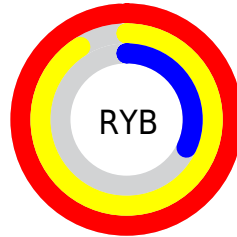
The HunterLab color **68.3954, 22.2173, 35.7856** is a light color, and the websafe version is hex **FF9933**. The color can be described as light muted orange. A complement of this color would be **61.8715, -5.2348, -50.2192**, and the grayscale version is **67.3512, -3.5937, 3.6593**.

A 20% lighter version of the original color is **84.8912, -1.3092, 36.7884**, and **47.0131, 20.9102, 27.8694** is the 20% darker color. If you saturate the color by 10%, you get **64.8326, 28.0060, 37.0414**, and if you desaturate by 10%, it is **72.2313, 16.8609, 33.5657**.

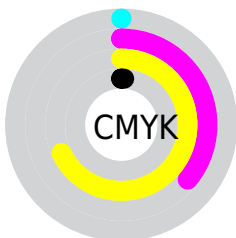
Distribution



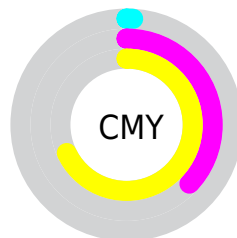
- Red (99%)
- Green (63%)
- Blue (32%)



- Red (99%)
- Yellow (91%)
- Blue (32%)



- Cyan (0%)
- Magenta (36%)
- Yellow (68%)
- Black (1%)





- Cyan (1%)
- Magenta (37%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.3954, 22.2173, 35.7856 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 68.3954, 22.2173, 35.7856 by changing the saturation by 10% instead.


 68.3954, 22.2173,
35.7856


 68.3954, 22.2173,
35.7856


193.3759, 25.0220,
65.3560

 57.3264, 21.5333,
31.9094


 92.4055, 23.3089,
43.0518


 46.9272, 20.7518,
27.8285


 105.2824, 23.7398,
46.4893


 37.2462, 19.8567,
23.5080


 118.7075, 24.1012,
49.8221

 28.3412, 18.8334,
19.2142

 132.6592, 24.3983,
53.0651

 20.2869, 17.6667,
14.2008

 147.1183, 24.6353,
56.2305

 13.1849, 16.3495,
9.2295

162.0676, 24.8161,

 6.6959, 17.8032,

59.3286

4.6871

177.4915, 24.9440,
62.3680

0.0000, INF, NaN

0.0000, NaN, NaN

■ 68.3954, 22.2173,
35.7856

■ 68.3954, 22.2173,
35.7856

■ 64.8326, 28.0060,
37.0414

■ 72.2313, 16.8609,
33.5657

■ 61.5584, 34.1772,
37.3081

■ 76.3133, 11.9748,
30.4394

■ 58.5902, 40.6101,
36.6570


■ 80.6223, 7.5571,
26.4839


■ 57.9909, 41.9900,
36.4688


■ 85.1382, 3.5939,
21.7795

■ 89.8430, 0.0618,

16.4043

 94.7202, -3.0679,
10.4307

 99.6771, -6.2543,
5.0364

 99.7173, -6.3206,
5.0827

Harmonies

Analogous

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



68.3972, 47.8331, 26.6750



68.3954, 22.2173, 35.7856



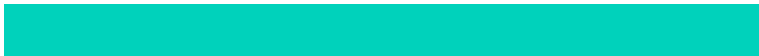
68.3972, -7.1134, 37.8736

Triad

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



68.3972, 22.2134, 35.7864



68.3972, -49.9655, 0.3140



68.3972, 29.2497, -54.9553

Complementary

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



68.3954, 22.2173, 35.7856



61.8715, -5.2348, -50.2192

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.



68.3972, -0.1227, -70.7987



68.3954, 22.2173, 35.7856



68.3972, -43.3354, -31.6949

Square

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



68.3972, 22.2134, 35.7864



68.3972, -45.9493, 22.9438



68.3972, -26.1685, -60.9085



68.3972, 52.3376, -23.4676

Rectangle

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



68.3954, 22.2173, 35.7856



68.3972, -24.1834, 36.2072



68.3972, -26.1685, -60.9085



68.3972, 19.6264, -62.7607

Sweetspot

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



68.3972, 22.2134, 35.7864



90.0168, 0.7991, 17.8551



54.3754, 70.7950, -7.9224



41.0219, 0.8275, 8.9818

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.3972, 22.2134, 35.7864



64.6182, 30.3460, 37.7381



93.4791, -20.9914, 52.2961



43.0861, -1.1848, 5.2512



42.1986, 29.4714, 26.5185



13.6358, 7.1260, 8.5271

Inverse Universe

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



61.8715, -5.2348, -50.2192



56.9530, -0.6947, -63.4078



39.4284, 41.2298, -113.4693



42.6292, -3.2172, -0.7501



35.8536, 5.7098, -57.1396



11.8443, 0.0638, -14.9421

Previews

White Background



This preview shows how the HunterLab color 68.3954, 22.2173, 35.7856 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 68.3954, 22.2173, 35.7856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

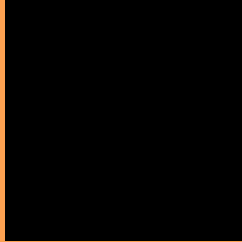
Any Text WCAG AA ✓ Pass

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 68.3954, 22.2173, 35.7856 Background



This preview shows how black text looks on a background with the HunterLab color 68.3954, 22.2173, 35.7856.



This preview shows how white text looks on a background with the HunterLab color 68.3954, 22.2173, 35.7856.

35.7856.

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

68.3954, 22.2173, 35.7856

Protanopia

68.6499, -8.1956, 34.1845

Deuteranopia

68.5499, 4.7020, 36.0884



Tritanopia

68.3541, 35.3203, 12.2732

Trichromacy



Original Color

68.3954, 22.2173, 35.7856

Protanomaly

68.2140, 2.2655, 34.6028

Deuteranomaly

68.2661, 10.9071, 35.8317

Tritanomaly

68.2415, 29.8419, 22.9768

Monochromacy



Original Color

68.3954, 22.2173, 35.7856

Achromatopsia

67.1406, -3.5825, 3.6479

Achromatomaly

66.7907, 3.8183, 18.1547

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.3954, 22.2173, 35.7856 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(252, 161, 81)` looks like.

```
.text, #text, p{  
    color:rgb(252, 161, 81)  
}
```

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(252, 161, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 161, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 68.3954, 22.2173, 35.7856 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(252, 161, 81) }
```


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

```
.border{ border-color:rgb(252, 161, 81) }
```

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

Here you see how a box with a 4 pixel rgb(252, 161, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 161, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 161, 81);  
box-shadow:4px 4px 4px 4px rgb(252, 161,  
81) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.3954, 22.2173, 35.7856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 161, 81) }
```

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

```
.background{ background-color: rgb(252,  
161, 81) }
```

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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