

Converting Colors

HunterLab(73.9070, 40.8739,
42.8691)

Have a look what the booklet for
HunterLab(73.9070, 40.8739,
42.8691) contains.

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Color

**HunterLab(68.1047, 23.5381,
38.6562)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9F3C
RGB	255, 159, 60
RGB Percent	100%, 62%, 24%
CMY	0.0000, 0.3764, 0.7647
CMYK	0.00, 0.38, 0.76, 0.00
HSL	30°, 100%, 62%
HSV	30°, 76%, 100%
XYZ	54.4537, 46.3825, 10.3577
YIQ	176.4180, 88.9950, -10.4370

Conversions

Conversions Part 2

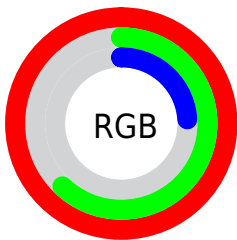
Format	Color
R_{YB}	249, 255, 60
Decimal	16752444
CIE _{Lab}	73.79, 28.23, 63.52
CIE _{LCh}	74, 69.508, 66.038
Yxy	46.3849, 0.4897, 0.4171
Android (android.graphics.Color)	4294942524 (0xFFFF9F3C)
YUV	176.4180, -57.3941, 68.9164
Hunter-Lab	68.1047, 23.5381, 38.6562

Details

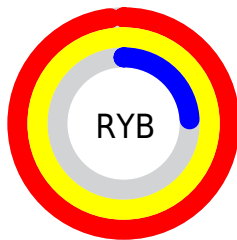
The HunterLab color **68.1047, 23.5381, 38.6562** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **56.5297, 1.4897, -64.3673**, and the grayscale version is **66.2710, -3.5361, 3.6006**.

A 20% lighter version of the original color is **84.0048, -1.8285, 40.4954**, and **46.7470, 22.2448, 29.1947** is the 20% darker color. If you saturate the color by 10%, you get **64.8663, 29.2613, 39.0643**, and if you desaturate by 10%, it is **71.5973, 18.2293, 37.2329**.

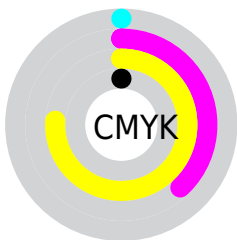
Distribution



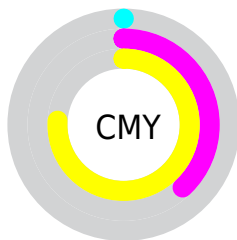
- Red (100%)
- Green (62%)
- Blue (24%)



- Red (98%)
- Yellow (100%)
- Blue (24%)



- Cyan (0%)
- Magenta (38%)
- Yellow (76%)
- Black (0%)





- Cyan (0%)
- Magenta (38%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.1047, 23.5381, 38.6562 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 68.1047, 23.5381, 38.6562 by changing the saturation by 10% instead.


 68.1047, 23.5381,
38.6562

 68.1047, 23.5381,
38.6562


192.9647, 26.7883,
72.4595


 57.0523, 22.7959,
34.1912


 92.0841, 24.7395,
47.0190


 46.6709, 21.9544,
29.4981


 104.9467, 25.2228,
50.9659


 37.0089, 20.9971,
24.5632


 118.3581, 25.6348,
54.7845

 28.1246, 19.9102,
19.6872

 132.2966, 25.9810,
58.4917

 20.0932, 18.6799,
14.0652

 146.7430, 26.2658,
62.1017

 13.0173, 17.3042,
9.1121

161.6799, 26.4930,

 6.4814, 19.3174,

65.6265

4.5370

177.0920, 26.6662,
69.0762

0.0000, INF, NaN

0.0000, NaN, NaN

■ 68.1047, 23.5381,
38.6562

■ 68.1047, 23.5381,
38.6562

■ 64.8663, 29.2613,
39.0643

■ 71.5973, 18.2293,
37.2329

■ 61.8890, 35.3286,
38.5065

■ 75.3231, 13.3892,
34.8097

■ 60.8968, 37.5040,
38.1809

■ 79.2672, 9.0282,
31.4393

■ 83.4130, 5.1421,
27.1908

■ 87.7445, 1.7145,

22.1390

92.2470, -1.2786,
16.3582

96.9070, -3.8652,
9.9190

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.



68.1065, 54.3656, 30.1549



68.1047, 23.5381, 38.6562



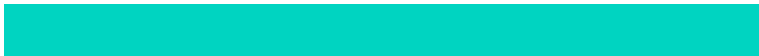
68.1065, -10.0628, 40.2178

Triad

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



68.1065, 23.5341, 38.6569



68.1065, -55.1471, -2.8206



68.1065, 36.9926, -63.6678

Complementary

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



68.1047, 23.5381, 38.6562



56.5297, 1.4897, -64.3673

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.



68.1065, 3.0349, -85.3896



68.1047, 23.5381, 38.6562



68.1065, -47.0206, -41.1452

Square

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



68.1065, 23.5341, 38.6569



68.1065, -51.7000, 23.6392



68.1065, -27.1213, -75.6462



68.1065, 63.0960, -24.9956

Rectangle

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



68.1047, 23.5381, 38.6562



68.1065, -28.8667, 38.3379



68.1065, -27.1213, -75.6462



68.1065, 25.8999, -73.8518

Sweetspot

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



68.1065, 23.5341, 38.6569



89.2882, 0.6283, 20.2125



51.9070, 77.6124, -3.3485



40.5655, 0.8145, 10.2785

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.1065, 23.5341, 38.6569



63.1869, 32.5826, 38.8672



96.4912, -24.9088, 56.3943



44.1720, -1.4441, 5.5236



44.3589, 26.3237, 27.7946



14.6101, 6.4985, 9.1164

Inverse Universe

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



56.5297, 1.4897, -64.3673



49.9497, 9.5578, -81.3526



33.7828, 54.6371, -144.2655



43.4217, -3.0558, -0.9474



34.3574, 9.7387, -63.9670



11.6936, 1.1870, -17.1784

Previews

White Background



This preview shows how the HunterLab color 68.1047, 23.5381, 38.6562 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 68.1047, 23.5381, 38.6562 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 68.1047, 23.5381, 38.6562 Background



This preview shows how black text looks on a background with the HunterLab color 68.1047, 23.5381, 38.6562.



This preview shows how white text looks on a background with the HunterLab color 68.1047, 23.5381,

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

68.1047, 23.5381, 38.6562

Protanopia

68.2244, -8.6161, 37.4095

Deuteranopia

68.3059, 4.9285, 39.0387



Tritanopia

68.0626, 35.5965, 12.7863

Trichromacy



Original Color

68.1047, 23.5381, 38.6562

Protanomaly

67.9499, 2.4145, 37.6804

Deuteranomaly

68.1746, 11.6109, 38.8457

Tritanomaly

67.9583, 29.9045, 25.4719

Monochromacy



Original Color

68.1047, 23.5381, 38.6562

Achromatopsia

65.8903, -3.5157, 3.5799

Achromatomaly

65.9165, 3.4033, 20.3901

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.1047, 23.5381, 38.6562 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, 159, 60)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 60)  
}
```

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, 159, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 68.1047, 23.5381, 38.6562 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, 159, 60) }
```


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

```
.border{ border-color:rgb(255, 159, 60) }
```

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

Here you see how a box with a 4 pixel rgb(255, 159, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 60);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
60) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.1047, 23.5381, 38.6562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 60) }
```

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

```
.background{ background-color: rgb(255,  
159, 60) }
```

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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