

Converting Colors

HunterLab(78.3958, 57.5977,
46.2660)

Have a look what the booklet for
HunterLab(78.3958, 57.5977,
46.2660) contains.

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Color

**HunterLab(67.0881, 25.5409,
38.2488)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9B3A
RGB	255, 155, 58
RGB Percent	100%, 61%, 23%
CMY	0.0000, 0.3921, 0.7725
CMYK	0.00, 0.39, 0.77, 0.00
HSL	30°, 100%, 61%
HSV	30°, 77%, 100%
XYZ	53.7250, 45.0081, 9.8588
YIQ	173.8420, 90.7370, -8.9670

Conversions

Conversions Part 2

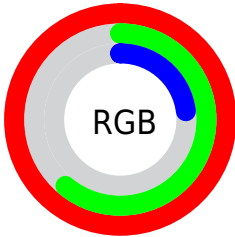
Format	Color
R_{YB}	255, 249, 58
Decimal	16751418
CIE _{Lab}	72.90, 30.23, 63.46
CIE _{LCh}	73, 70.295, 64.530
Yxy	45.0105, 0.4947, 0.4145
Android (android.graphics.Color)	4294941498 (0xFFFF9B3A)
YUV	173.8420, -57.1101, 71.1756
Hunter-Lab	67.0881, 25.5409, 38.2488

Details

The HunterLab color **67.0881, 25.5409, 38.2488** 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 **57.0715, 0.2754, -63.1125**, and the grayscale version is **65.1979, -3.4788, 3.5423**.

A 20% lighter version of the original color is **82.7653, -0.0041, 40.2262**, and **45.7241, 23.7801, 28.5913** is the 20% darker color. If you saturate the color by 10%, you get **63.8216, 31.4829, 38.5747**, and if you desaturate by 10%, it is **70.6252, 19.9991, 36.9131**.

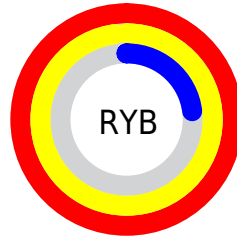
Distribution



Red (100%)

Green (61%)

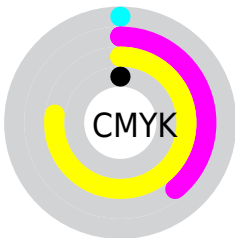
Blue (23%)



Red (100%)

Yellow (98%)

Blue (23%)

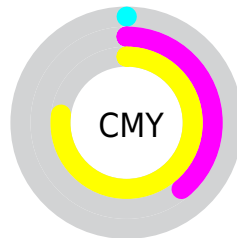


Cyan (0%)

Magenta (39%)

Yellow (77%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 67.0881, 25.5409, 38.2488 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 67.0881, 25.5409, 38.2488 by changing the saturation by 10% instead.

 67.0881, 25.5409,
38.2488


 67.0881, 25.5409,
38.2488


191.5244, 29.5035,
72.1175

 56.0943, 24.7054,
33.7680


 90.9594, 26.9189,
46.6361


 45.7752, 23.7670,
29.0568

 103.7718, 27.4859,
50.5924


 36.1803, 22.7096,
24.1232


 117.1349, 27.9790,
54.4188

 27.3691, 21.5202,
19.1584

 131.0270, 28.4037,
58.1325

 19.4186, 20.1885,
13.5930

 145.4286, 28.7646,
61.7480

 12.4346, 18.7243,
8.7042

160.3223, 29.0659,

 5.6649, 23.4687,

65.2774

3.9655

175.6923, 29.3112,
68.7309

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.0881, 25.5409,
38.2488

■ 67.0881, 25.5409,
38.2488

■ 63.8216, 31.4829,
38.5747

■ 70.6252, 19.9991,
36.9131

■ 60.8338, 37.7409,
37.9502

■ 74.4101, 14.9196,
34.5836

■ 60.0589, 39.4741,
37.6991

■ 78.4260, 10.3177,
31.3159

■ 82.6543, 6.1914,
27.1821

■ 87.0778, 2.5252,

22.2594

91.6803, -0.7047,
16.6244

96.4469, -3.5268,
10.3487

99.9999, -5.3361,
5.4331

Harmonies

Analogous

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



67.0899, 56.2159, 29.4095



67.0881, 25.5409, 38.2488



67.0899, -8.4592, 40.0359

Triad

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



67.0899, 25.5368, 38.2495



67.0899, -55.3063, -1.2268



67.0899, 35.7448, -66.3248

Complementary

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



67.0881, 25.5409, 38.2488



57.0715, 0.2754, -63.1125

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.



67.0899, 1.4359, -87.0499



67.0881, 25.5409, 38.2488



67.0899, -47.7838, -39.6675

Square

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



67.0899, 25.5368, 38.2495



67.0899, -51.2882, 24.5563



67.0899, -28.4530, -75.4960



67.0899, 62.8544, -27.3610

Rectangle

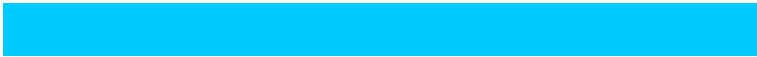
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.0881, 25.5409, 38.2488



67.0899, -27.6598, 38.3907



67.0899, -28.4530, -75.4960



67.0899, 24.4546, -76.3245

Sweetspot

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



67.0899, 25.5368, 38.2495



89.0149, 1.0996, 19.9454



51.7849, 78.5498, -4.6798



40.4204, 1.0666, 10.1407

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.0899, 25.5368, 38.2495



62.0702, 35.0506, 38.3205



95.3980, -23.3863, 55.8862



44.1182, -1.3535, 5.4656



43.7554, 27.7288, 27.4473



14.4298, 6.8909, 9.0122

Inverse Universe

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



57.0715, 0.2754, -63.1125



50.5848, 8.2243, -79.5747



33.8936, 53.8053, -143.6688



43.4764, -3.1456, -0.8805



35.1225, 8.2288, -61.6637



11.9154, 0.7881, -16.5945

Previews

White Background



This preview shows how the HunterLab color 67.0881, 25.5409, 38.2488 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 67.0881, 25.5409, 38.2488 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 67.0881, 25.5409, 38.2488 Background



This preview shows how black text looks on a background with the HunterLab color 67.0881, 25.5409, 38.2488.



This preview shows how white text looks on a background with the HunterLab color 67.0881, 25.5409,

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

67.0881, 25.5409, 38.2488

Protanopia

67.3079, -8.8057, 36.9154

Deuteranopia

67.0925, 5.1541, 38.4559



Tritanopia

67.0138, 37.2205, 13.3257

Trichromacy



Original Color

67.0881, 25.5409, 38.2488

Protanomaly

66.8500, 3.0296, 37.2037

Deuteranomaly

67.0962, 12.2391, 38.3647

Tritanomaly

66.9316, 31.7348, 25.4883

Monochromacy



Original Color

67.0881, 25.5409, 38.2488

Achromatopsia

65.0590, -3.4714, 3.5348

Achromatomaly

64.8073, 3.9547, 20.0319

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.0881, 25.5409, 38.2488 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, 155, 58)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 58)  
}
```

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, 155, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 67.0881, 25.5409, 38.2488 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, 155, 58) }
```


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

```
.border{ border-color:rgb(255, 155, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 155, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 155, 58); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 155, 58); box-shadow:4px 4px 4px 4px rgb(255, 155, 58) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.0881, 25.5409, 38.2488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 58) }
```

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

```
.background{ background-color: rgb(255,  
155, 58) }
```

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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