

Converting Colors

HunterLab(67.2376, 26.5787,
35.3793)

Have a look what the booklet for
HunterLab(67.2376, 26.5787,
35.3793) contains.

HunterLab(67.2809, 26.5120, 35.4037)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(67.2809, 26.5120,
35.4037)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9B4F
RGB	255, 155, 79
RGB Percent	100%, 61%, 31%
CMY	0.0000, 0.3921, 0.6902
CMYK	0.00, 0.39, 0.69, 0.00
HSL	26°, 100%, 65%
HSV	26°, 69%, 100%
XYZ	54.3726, 45.2672, 13.2689
YIQ	176.2360, 83.9960, -2.4360

Conversions

Conversions Part 2

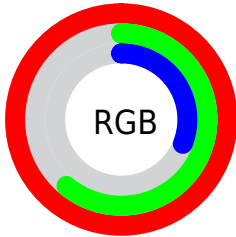
Format	Color
RYB	255, 213, 79
Decimal	16751439
CIELab	73.07, 31.15, 54.41
CIELCh	73, 62.695, 60.208
Yxy	45.2695, 0.4816, 0.4009
Android (android.graphics.Color)	4294941519 (0xFFFF9B4F)
YUV	176.2360, -47.9373, 69.0760
Hunter-Lab	67.2809, 26.5120, 35.4037

Details

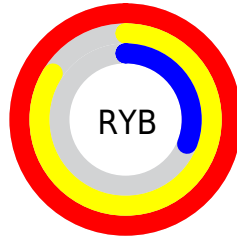
The HunterLab color **67.2809, 26.5120, 35.4037** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **64.1250, -8.1295, -48.1024**, and the grayscale version is **66.1585, -3.5301, 3.5945**.

A 20% lighter version of the original color is **83.0614, 1.5994, 35.8826**, and **45.9533, 24.6167, 27.4093** is the 20% darker color. If you saturate the color by 10%, you get **63.5846, 32.8759, 36.5586**, and if you desaturate by 10%, it is **71.2952, 20.5573, 33.2887**.

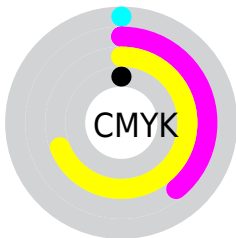
Distribution



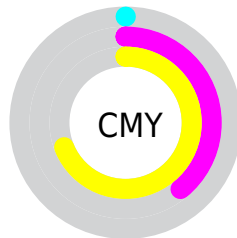
- Red (100%)
- Green (61%)
- Blue (31%)



- Red (100%)
- Yellow (84%)
- Blue (31%)



- Cyan (0%)
- Magenta (39%)
- Yellow (69%)
- Black (0%)





- Cyan (0%)
- Magenta (39%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.2809, 26.5120, 35.4037 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 67.2809, 26.5120, 35.4037 by changing the saturation by 10% instead.


 67.2809, 26.5120,
35.4037


 67.2809, 26.5120,
35.4037


191.7978, 30.7653,
65.0426


 56.2759, 25.6399,
31.5108


 91.1728, 27.9606,
42.6954


 45.9450, 24.6640,
27.4099


 103.9947, 28.5614,
46.1425


 36.3373, 23.5685,
23.0659


 117.3670, 29.0875,
49.4834

 27.5121, 22.3409,
18.8657

 131.2679, 29.5444,
52.7333

 19.5462, 20.9727,
13.6823

 145.6781, 29.9367,
55.9045

 12.5447, 19.4772,
8.7813

160.5800, 30.2686,

 5.8289, 23.7060,

59.0075

4.0802

175.9580, 30.5438,
62.0511

0.0000, INF, NaN

0.0000, NaN, NaN

■ 67.2809, 26.5120,
35.4037

■ 67.2809, 26.5120,
35.4037

■ 63.5846, 32.8759,
36.5586

■ 71.2952, 20.5573,
33.2887

■ 60.2276, 39.5719,
36.7231

■ 75.5946, 15.0676,
30.2802

■ 57.2306, 46.4298,
36.0036


■ 80.1541, 10.0503,
26.4643

■ 56.9545, 47.0950,
35.9196

■ 84.9491, 5.4959,
21.9292

■ 89.9571, 1.3819,

16.7582

 95.1582, -2.3213,
11.0270

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.



67.2826, 51.8775, 25.3069



67.2809, 26.5120, 35.4037



67.2826, -3.7962, 38.0977

Triad

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



67.2826, 26.5080, 35.4045



67.2826, -50.8816, 3.4693



67.2826, 26.9187, -60.4407

Complementary

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



67.2809, 26.5120, 35.4037



64.1250, -8.1295, -48.1024

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.



67.2826, -3.3909, -74.2099



67.2809, 26.5120, 35.4037



67.2826, -45.4235, -28.9781

Square

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



67.2826, 26.5080, 35.4045



67.2826, -45.5729, 25.0954



67.2826, -29.1862, -60.7939



67.2826, 52.1415, -28.4940

Rectangle

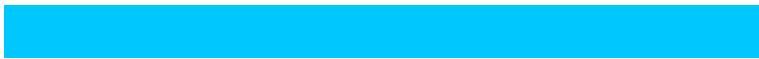
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.2809, 26.5120, 35.4037



67.2826, -21.8418, 36.9019



67.2826, -29.1862, -60.7939



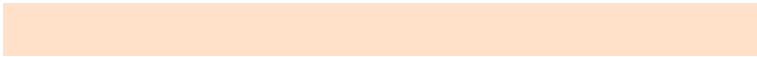
67.2826, 16.8338, -67.8317

Sweetspot

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



67.2826, 26.5080, 35.4045



88.9492, 2.1635, 17.8297



54.9689, 74.1085, -12.3717



40.5079, 1.5175, 8.9221

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.2826, 26.5080, 35.4045



62.2059, 35.5096, 36.7421



91.8372, -17.0609, 51.5151



43.9058, -0.9949, 5.2360



41.5128, 33.1768, 26.1608



13.7479, 8.4311, 8.6190

Inverse Universe

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



64.1250, -8.1295, -48.1024



58.4367, -3.7090, -60.0458



41.0231, 38.0681, -110.7893



43.6931, -3.5007, -0.6163



38.2584, 2.3967, -52.9935



12.8156, -0.7569, -14.3844

Previews

White Background



This preview shows how the HunterLab color 67.2809, 26.5120, 35.4037 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 67.2809, 26.5120, 35.4037 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 67.2809, 26.5120, 35.4037 Background



This preview shows how black text looks on a background with the HunterLab color 67.2809, 26.5120, 35.4037.



This preview shows how white text looks on a background with the HunterLab color 67.2809, 26.5120,

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

67.2809, 26.5120, 35.4037

Protanopia

67.4335, -7.9051, 33.4859

Deuteranopia

67.3215, 4.8554, 35.7057



Tritanopia

67.2741, 36.8142, 13.1904

Trichromacy



Original Color

67.2809, 26.5120, 35.4037

Protanomaly

66.9522, 3.8112, 33.8947

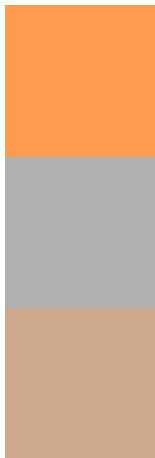
Deuteranomaly

67.1522, 12.7871, 35.5658

Tritanomaly

67.0857, 32.4971, 23.2419

Monochromacy



Original Color

67.2809, 26.5120, 35.4037

Achromatopsia

65.8903, -3.5157, 3.5799

Achromatomaly

65.5038, 5.2349, 17.6459

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.2809, 26.5120, 35.4037 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, 79)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 79)  
}
```

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, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 67.2809, 26.5120, 35.4037 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, 79) }
```


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

```
.border{ border-color:rgb(255, 155, 79) }
```

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, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 79);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
79) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.2809, 26.5120, 35.4037 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, 79) }
```

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

```
.background{ background-color: rgb(255,  
155, 79) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor