

Converting Colors

HunterLab(67.1989, 24.4378,
40.1980)

Have a look what the booklet for
HunterLab(67.1989, 24.4378,
40.1980) contains.

HunterLab(67.2137, 24.3987, 40.2264)	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(67.2137, 24.3987,
40.2264)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9C26
RGB	255, 156, 38
RGB Percent	100%, 61%, 15%
CMY	0.0000, 0.3882, 0.8510
CMYK	0.00, 0.39, 0.85, 0.00
HSL	33°, 100%, 57%
HSV	33°, 85%, 100%
XYZ	53.4783, 45.1768, 7.7351
YIQ	172.1490, 96.8820, -15.7100

Conversions

Conversions Part 2

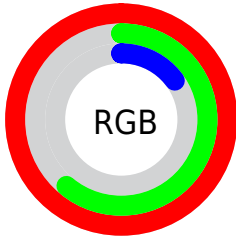
Format	Color
R _Y B	220, 255, 38
Decimal	16751654
CIE Lab	73.01, 29.12, 70.63
CIE LCh	73, 76.397, 67.596
Yxy	45.1792, 0.5027, 0.4246
Android (android.graphics.Color)	4294941734 (0xFFFF9C26)
YUV	172.1490, -66.1355, 72.6603
Hunter-Lab	67.2137, 24.3987, 40.2264

Details

The HunterLab color **67.2137, 24.3987, 40.2264** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **50.5196, 9.7963, -79.7296**, and the grayscale version is **64.5298, -3.4431, 3.5060**.

A 20% lighter version of the original color is **82.8702, -1.5689, 43.2909**, and **45.9425, 23.2935, 28.7173** is the 20% darker color. If you saturate the color by 10%, you get **64.3022, 29.9864, 39.8118**, and if you desaturate by 10%, it is **70.3541, 19.1832, 39.6621**.

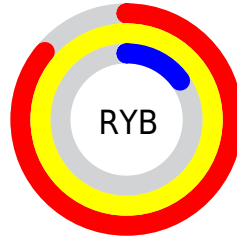
Distribution



Red (100%)

Green (61%)

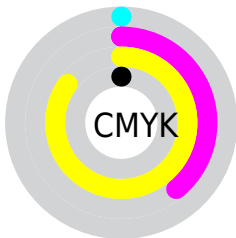
Blue (15%)



Red (86%)

Yellow (100%)

Blue (15%)

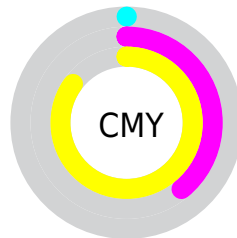


Cyan (0%)

Magenta (39%)

Yellow (85%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 67.2137, 24.3987, 40.2264 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 67.2137, 24.3987, 40.2264 by changing the saturation by 10% instead.


 67.2137, 24.3987,
40.2264


 67.2137, 24.3987,
40.2264


191.7026, 27.9889,
77.4381


 56.2126, 23.6111,
35.2975


 91.0984, 25.6853,
49.4658


 45.8858, 22.7220,
30.1321


 103.9170, 26.2087,
53.8227


 36.2826, 21.7153,
24.9952


 117.2861, 26.6595,
58.0332

 27.4623, 20.5771,
19.2236

 131.1840, 27.0431,
62.1153

 19.5017, 19.2955,
13.6512

 145.5911, 27.3640,
66.0846

 12.5063, 17.8744,
8.7544

 160.4902, 27.6264,

 5.7723, 22.1052,

69.9541

4.0406

175.8655, 27.8337,
73.7354

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.2137, 24.3987,
40.2264

■ 67.2137, 24.3987,
40.2264

■ 64.3022, 29.9864,
39.8118

■ 70.3541, 19.1832,
39.6621

■ 62.9521, 32.8123,
39.3652


■ 73.7095, 14.4144,
38.0688


■ 77.2702, 10.1178,
35.4597


■ 81.0233, 6.3012,
31.8796

■ 84.9559, 2.9572,

27.3900

 89.0551, 0.0686,
22.0593

 93.3091, -2.3877,
15.9574

 97.7066, -4.4380,
9.1517

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.



67.2155, 59.3499, 32.4026



67.2137, 24.3987, 40.2264



67.2155, -12.3598, 41.4106

Triad

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



67.2155, 24.3946, 40.2271



67.2155, -58.6640, -5.4832



67.2155, 43.2241, -70.6026

Complementary

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



67.2137, 24.3987, 40.2264



50.5196, 9.7963, -79.7296

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.



67.2155, 5.6537, -97.4857



67.2137, 24.3987, 40.2264



67.2155, -49.4980, -49.0998

Square

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



67.2155, 24.3946, 40.2271



67.2155, -55.6879, 23.9679



67.2155, -27.6336, -88.0568



67.2155, 71.6966, -26.0230

Rectangle

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



67.2137, 24.3987, 40.2264



67.2155, -32.3253, 39.4785



67.2155, -27.6336, -88.0568



67.2155, 30.9668, -82.8361

Sweetspot

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



67.2155, 24.3946, 40.2271



88.6785, 0.3115, 22.5739



49.5159, 81.3815, 2.5652



40.3637, 0.5902, 11.3286

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.2155, 24.3946, 40.2271



62.9523, 32.8124, 39.3654



95.6938, -28.0534, 57.3386



44.2990, -1.6574, 5.6602



45.8367, 22.9814, 28.6467



15.0473, 5.5707, 9.3696

Inverse Universe

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



50.5196, 9.7963, -79.7296



44.4825, 19.8014, -98.3447



30.2816, 63.9326, -165.4576



43.2931, -2.8439, -1.1052



32.6023, 13.3542, -69.5778



11.1808, 2.1411, -18.5970

Previews

White Background



This preview shows how the HunterLab color 67.2137, 24.3987, 40.2264 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 67.2137, 24.3987, 40.2264 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 67.2137, 24.3987, 40.2264 Background



This preview shows how black text looks on a background with the HunterLab color 67.2137, 24.3987, 40.2264.



This preview shows how white text looks on a background with the HunterLab color 67.2137, 24.3987,

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

67.2137, 24.3987, 40.2264

Protanopia

67.3654, -8.8981, 39.2572

Deuteranopia

67.2079, 5.2897, 40.4804



Tritanopia

67.2484, 36.6888, 13.5609

Trichromacy



Original Color

67.2137, 24.3987, 40.2264

Protanomaly

66.8320, 2.6983, 39.2855

Deuteranomaly

67.0963, 11.9837, 40.3467

Tritanomaly

67.0309, 30.5045, 27.7570

Monochromacy



Original Color

67.2137, 24.3987, 40.2264

Achromatopsia

64.2295, -3.4271, 3.4897

Achromatomaly

64.2332, 3.1081, 22.3378

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.2137, 24.3987, 40.2264 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, 156, 38)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 38)  
}
```

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, 156, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 67.2137, 24.3987, 40.2264 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, 156, 38) }
```


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

```
.border{ border-color:rgb(255, 156, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 38);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
38) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.2137, 24.3987, 40.2264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 38) }
```

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

```
.background{ background-color: rgb(255,  
156, 38) }
```

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