

Converting Colors

HunterLab(63.8851, 28.8125,
39.8701)

Have a look what the booklet for
HunterLab(63.8851, 28.8125,
39.8701) contains.

HunterLab(63.7511, 28.7641, 39.7867)	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(63.7511, 28.7641,
39.7867)**

Conversions

Conversions Part 1

Format	Color
Hex	FC9000
RGB	252, 144, 0
RGB Percent	99%, 56%, 0%
CMY	0.0118, 0.4353, 1.0000
CMYK	0.00, 0.43, 1.00, 0.01
HSL	34°, 100%, 49%
HSV	34°, 100%, 99%
XYZ	50.1182, 40.6420, 5.2032
YIQ	159.8760, 110.5920, -21.8880

Conversions

Conversions Part 2

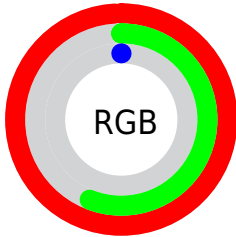
Format	Color
RYB	189, 252, 0
Decimal	16551936
CIELab	69.93, 33.58, 75.57
CIELCh	70, 82.692, 66.043
Yxy	40.6442, 0.5223, 0.4235
Android (android.graphics.Color)	4294742016 (0xFFFC9000)
YUV	159.8760, -78.8189, 80.7927
Hunter-Lab	63.7511, 28.7641, 39.7867

Details

The HunterLab color **63.7511, 28.7641, 39.7867** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **42.1356, 23.4167, -103.2149**, and the grayscale version is **59.5215, -3.1759, 3.2339**.

A 20% lighter version of the original color is **78.8392, 3.9999, 43.6443**, and **43.0349, 26.9460, 26.9897** is the 20% darker color. If you saturate the color by 10%, you get **63.7516, 28.7624, 39.7870**, and if you desaturate by 10%, it is **66.4417, 23.4597, 40.5203**.

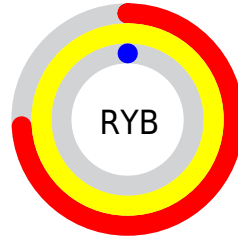
Distribution



Red (99%)

Green (56%)

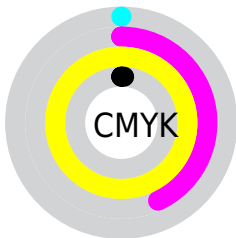
Blue (0%)



Red (74%)

Yellow (99%)

Blue (0%)

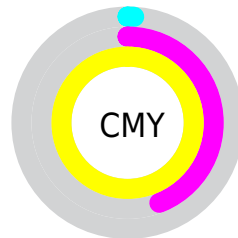


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (1%)



Cyan (1%)


Magenta (44%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.7511, 28.7641, 39.7867 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 63.7511, 28.7641, 39.7867 by changing the saturation by 10% instead.


 63.7511, 28.7641,
39.7867


 63.7511, 28.7641,
39.7867

186.7703, 34.0086,
79.6963


 52.9539, 27.7586,
34.4852


 87.2602, 30.4623,
49.7332


 42.8447, 26.6437,
28.9743


 99.9042, 31.1806,
54.4188


 33.4759, 25.4041,
23.4332


 113.1060, 31.8197,
58.9413

 24.9115, 24.0302,
17.4380

 126.8430, 32.3855,
63.3199

 17.2355, 22.5236,
12.0649

 141.0950, 32.8831,
67.5711

 10.5661, 20.9360,
7.3963

 155.8441, 33.3169,

0.0000, INF, NaN

71.7096

0.0000, NaN, NaN

171.0741, 33.6910,
75.7477

0.0000, NaN, NaN

63.7511, 28.7641,
39.7867

63.7511, 28.7641,
39.7867

63.7516, 28.7624,
39.7870

66.4417, 23.4597,
40.5203

69.3246, 18.4810,
40.4202

72.4031, 13.9209,
39.3168

75.6700, 9.8172,
37.1904

79.1157, 6.1845,
34.0637

■ 82.7298, 3.0214,
29.9832

■ 86.5018, 0.3159,
25.0080

■ 90.4215, -1.9512,
19.2022

■ 94.4790, -3.8030,
12.6308

Harmonies

Analogous

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



63.7528, 66.3858, 32.1608



63.7511, 28.7641, 39.7867



63.7528, -10.8540, 41.0018

Triad

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



63.7528, 28.7599, 39.7873



63.7528, -60.6379, -4.2195



63.7528, 45.0673, -81.1880

Complementary

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



63.7511, 28.7641, 39.7867



42.1356, 23.4167, -103.2149

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.



63.7528, 4.4023, -110.1435



63.7511, 28.7641, 39.7867



63.7528, -52.0455, -51.8555

Square

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



63.7528, 28.7599, 39.7873



63.7528, -57.0216, 25.5909



63.7528, -30.2362, -97.0968



63.7528, 77.2278, -31.3354

Rectangle

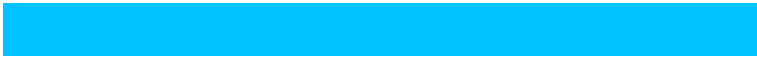
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.7511, 28.7641, 39.7867



63.7528, -32.1966, 39.5284



63.7528, -30.2362, -97.0968



63.7528, 31.6222, -94.6928

Sweetspot

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



63.7528, 28.7599, 39.7873



87.6650, 0.3260, 25.3596



46.6949, 82.3390, 11.7701



39.8030, 0.6606, 12.7656

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.7528, 28.7599, 39.7873



64.5994, 29.1872, 40.3168



93.4433, -31.4565, 57.0284



43.4419, -1.7828, 5.6342



46.3357, 20.0616, 28.9031



14.8286, 4.5893, 9.2177

Inverse Universe

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



42.1356, 23.4167, -103.2149



42.6821, 23.7892, -104.7031



26.7318, 72.0674, -186.5282



42.2684, -2.6233, -1.1921



30.8651, 15.8793, -72.8575



10.4307, 2.6610, -18.7818

Previews

White Background



This preview shows how the HunterLab color 63.7511, 28.7641, 39.7867 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 63.7511, 28.7641, 39.7867 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 63.7511, 28.7641, 39.7867 Background



This preview shows how black text looks on a background with the HunterLab color 63.7511, 28.7641, 39.7867.



This preview shows how white text looks on a background with the HunterLab color 63.7511, 28.7641,

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

63.7511, 28.7641, 39.7867

Protanopia

63.9476, -8.9883, 38.6333

Deuteranopia

63.9891, 4.3774, 39.5064



Tritanopia

63.7194, 42.3915, 15.4543

Trichromacy



Original Color

63.7511, 28.7641, 39.7867

Protanomaly

63.3765, 3.7917, 38.7625

Deuteranomaly

63.7181, 13.2163, 39.4942

Tritanomaly

63.2618, 35.7146, 30.1173

Monochromacy



Original Color

63.7511, 28.7641, 39.7867

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

59.5046, 3.6972, 24.2061

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.7511, 28.7641, 39.7867 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, 144, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 144, 0)  
}
```

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, 144, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 144, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 63.7511, 28.7641, 39.7867 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, 144, 0) }
```


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

```
.border{ border-color:rgb(252, 144, 0) }
```

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

Here you see how a box with a 4 pixel rgb(252, 144, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 144, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 144, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 144,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.7511, 28.7641, 39.7867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 144, 0) }
```

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

```
.background{ background-color: rgb(252,  
144, 0) }
```

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