

Converting Colors

HunterLab(64.8277, 26.8637,
40.4168)

Have a look what the booklet for
HunterLab(64.8277, 26.8637,
40.4168) contains.

HunterLab(64.8556, 27.1380, 40.4388)	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>	30

Color

**HunterLab(64.8556, 27.1380,
40.4388)**

Conversions

Conversions Part 1

Format	Color
Hex	FD9400
RGB	253, 148, 0
RGB Percent	99%, 58%, 0%
CMY	0.0078, 0.4196, 0.9999
CMYK	0.00, 0.41, 1.00, 0.01
HSL	35°, 100%, 50%
HSV	35°, 100%, 99%
XYZ	51.0980, 42.0625, 5.4257
YIQ	162.5230, 110.0880, -23.7680

Conversions

Conversions Part 2

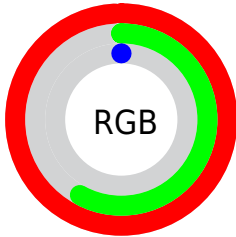
Format	Color
RYB	179, 253, 0
Decimal	16618496
CIELab	70.92, 31.93, 76.25
CIELCh	71, 82.668, 67.281
Yxy	42.0647, 0.5183, 0.4267
Android (android.graphics.Color)	4294808576 (0xFFFD9400)
YUV	162.5230, -80.1238, 79.3483
Hunter-Lab	64.8556, 27.1380, 40.4388

Details

The HunterLab color **64.8556, 27.1380, 40.4388** 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 **41.4681, 25.4951, -106.8669**, and the grayscale version is **60.6114, -3.2341, 3.2931**.

A 20% lighter version of the original color is **80.3080, 1.4922, 44.4635**, and **43.8002, 25.9221, 27.4433** is the 20% darker color. If you saturate the color by 10%, you get **64.8560, 27.1366, 40.4390**, and if you desaturate by 10%, it is **67.5139, 21.9780, 41.1632**.

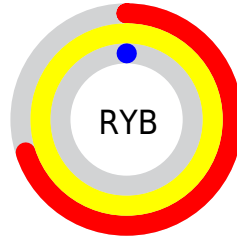
Distribution



Red (99%)

Green (58%)

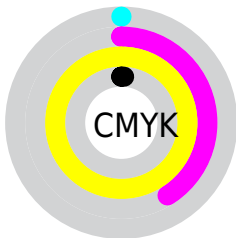
Blue (0%)



Red (70%)

Yellow (99%)

Blue (0%)

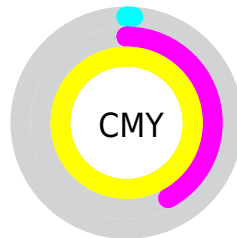


Cyan (0%)

Magenta (41%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.8556, 27.1380, 40.4388 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 64.8556, 27.1380, 40.4388 by changing the saturation by 10% instead.

64.8556, 27.1380,
40.4388

64.8556, 27.1380,
40.4388

188.3484, 31.7805,
80.5453

53.9926, 26.2111,
35.1192

88.4859, 28.6871,
50.4253

43.8130, 25.1774,
29.5781

101.1862, 29.3345,
55.1324

34.3684, 24.0208,
24.0579

114.4419, 29.9051,
59.6770

25.7210, 22.7299,
18.0047

128.2307, 30.4045,
64.0781

17.9526, 21.3001,
12.5668

142.5327, 30.8377,
68.3520

11.1768, 19.7617,
7.8238

157.3301, 31.2090,

3.1836, 43.5548,

72.5132

2.2285

172.6069, 31.5222,
76.5740

0.0000, NaN, NaN

0.0000, NaN, NaN

64.8556, 27.1380,
40.4388

64.8556, 27.1380,
40.4388

64.8560, 27.1366,
40.4390

67.5139, 21.9780,
41.1632

70.3539, 17.1510,
41.0501

73.3804, 12.7467,
39.9280

76.5872, 8.8010,
37.7730

79.9660, 5.3278,

34.6039

■ 83.5074, 2.3260,
30.4636

■ 87.2018, -0.2163,
25.4084

■ 91.0399, -2.3175,
19.5005

■ 95.0123, -4.0000,
12.8038

Harmonies

Analogous

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



64.8573, 65.2660, 33.0399



64.8556, 27.1380, 40.4388



64.8573, -12.4402, 41.5132

Triad

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



64.8573, 27.1338, 40.4394



64.8573, -61.0575, -5.8800



64.8573, 46.8185, -79.3452

Complementary

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



64.8556, 27.1380, 40.4388



41.4681, 25.4951, -106.8669

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.



64.8573, 6.0284, -109.6755



64.8556, 27.1380, 40.4388



64.8573, -51.8421, -54.0294

Square

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



64.8573, 27.1338, 40.4394



64.8573, -57.9064, 24.9951



64.8573, -29.2670, -98.4266



64.8573, 78.3302, -29.3377

Rectangle

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



64.8556, 27.1380, 40.4388



64.8573, -33.5888, 39.8556



64.8573, -29.2670, -98.4266



64.8573, 33.4144, -93.1842

Sweetspot

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



64.8573, 27.1338, 40.4394



87.9798, -0.2141, 25.6468



46.8097, 82.3589, 13.2127



39.9677, 0.3760, 12.9107

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.8573, 27.1338, 40.4394



65.4290, 27.4033, 40.7968



93.4837, -33.0360, 57.0256



44.4443, -1.9007, 5.8160



47.6136, 19.1331, 29.6742



15.5662, 4.5099, 9.6708

Inverse Universe

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



41.4681, 25.4951, -106.8669



41.8241, 25.7640, -107.8935



26.9306, 72.4495, -186.7258



43.1465, -2.6017, -1.2855



30.6891, 17.5701, -76.2875



10.6137, 3.2539, -20.2906

Previews

White Background



This preview shows how the HunterLab color 64.8556, 27.1380, 40.4388 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 64.8556, 27.1380, 40.4388 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 64.8556, 27.1380, 40.4388 Background



This preview shows how black text looks on a background with the HunterLab color 64.8556, 27.1380, 40.4388.



This preview shows how white text looks on a background with the HunterLab color 64.8556, 27.1380,

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

64.8556, 27.1380, 40.4388

Protanopia

64.8524, -8.8254, 39.2022

Tritanopia

64.9508, 40.3550, 14.7733

Trichromacy



Original Color

64.8556, 27.1380, 40.4388

Protanomaly

64.5686, 3.5095, 39.4987

Tritanomaly

64.4531, 33.3267, 30.3399

Monochromacy



Original Color

64.8556, 27.1380, 40.4388

Achromatopsia

60.5188, -3.2291, 3.2881

Achromatomaly

60.9828, 3.0170, 24.8969

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.8556, 27.1380, 40.4388 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(253, 148, 0)` looks like.

```
.text, #text, p{  
    color:rgb(253, 148, 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(253, 148, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 148, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 64.8556, 27.1380, 40.4388 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(253, 148, 0) }
```

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

```
.border{ border-color:rgb(253, 148, 0) }
```

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

Here you see how a box with a 4 pixel rgb(253, 148, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 148, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 148, 0);  
box-shadow:4px 4px 4px 4px rgb(253, 148,  
0) }
```


Background

The CSS property to change the background color of an element to HunterLab 64.8556, 27.1380, 40.4388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 148, 0) }
```

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

```
.background{ background-color: rgb(253,  
148, 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