

Converting Colors

HunterLab(68.0945, 21.8488,
42.3420)

Have a look what the booklet for
HunterLab(68.0945, 21.8488,
42.3420) contains.

HunterLab(68.1187, 21.7994, 42.3561)	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(68.1187, 21.7994,
42.3561)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA000
RGB	255, 160, 0
RGB Percent	100%, 63%, 0%
CMY	0.0000, 0.3725, 0.9999
CMYK	0.00, 0.37, 1.00, 0.00
HSL	38°, 100%, 50%
HSV	38°, 100%, 100%
XYZ	53.8108, 46.4016, 6.1202
YIQ	170.1650, 107.9800, -29.6200

Conversions

Conversions Part 2

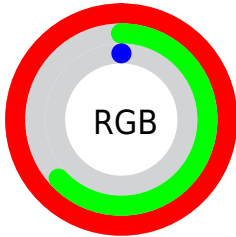
Format	Color
R _Y B	151, 255, 0
Decimal	16752640
CIE Lab	73.81, 26.54, 78.22
CIE LCh	74, 82.602, 71.262
Yxy	46.4040, 0.5061, 0.4364
Android (android.graphics.Color)	4294942720 (0xFFFFA000)
YUV	170.1650, -83.8913, 74.4003
Hunter-Lab	68.1187, 21.7994, 42.3561

Details

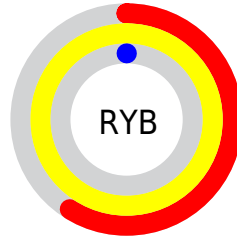
The HunterLab color **68.1187, 21.7994, 42.3561** is a dark color, and the websafe version is hex **FF9900**, and the color name is **vivid orange peel**. The color can be described as middle saturated orange. A complement of this color would be **39.2497, 32.0138, -118.1660**, and the grayscale version is **63.7763, -3.4029, 3.4651**.

A 20% lighter version of the original color is **83.9112, -4.4986, 46.5341**, and **46.8312, 21.3418, 29.2308** is the 20% darker color. If you saturate the color by 10%, you get **68.1192, 21.7978, 42.3563**, and if you desaturate by 10%, it is **70.6379, 17.1439, 43.0304**.

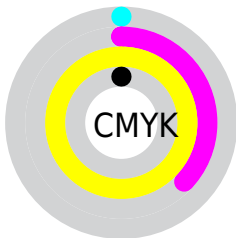
Distribution



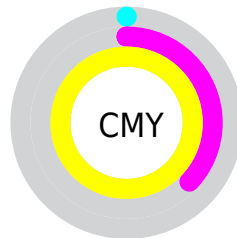
- Red (100%)
- Green (63%)
- Blue (0%)



- Red (59%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (37%)
- Yellow (100%)
- Black (0%)





- Cyan (0%)
- Magenta (37%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.1187, 21.7994, 42.3561 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 68.1187, 21.7994, 42.3561 by changing the saturation by 10% instead.


 68.1187, 21.7994,
42.3561


 68.1187, 21.7994,
42.3561


192.9846, 24.4870,
83.0173


 57.0655, 21.1297,
36.9860


 92.0996, 22.8626,
52.4548


 46.6832, 20.3631,
31.3854


 104.9629, 23.2800,
57.2222


 37.0203, 19.4831,
25.9142


 118.3749, 23.6281,
61.8290

 28.1350, 18.4749,
19.6945

 132.3141, 23.9122,
66.2935

 20.1025, 17.3231,
14.0718

 146.7610, 24.1366,
70.6314

 13.0253, 16.0195,
9.1177

 161.6986, 24.3051,

 6.4919, 17.9414,

74.8569

4.5443

177.1112, 24.4209,
78.9820

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.1187, 21.7994,
42.3561

■ 68.1187, 21.7994,
42.3561

■ 68.1192, 21.7978,
42.3563

■ 70.6379, 17.1439,
43.0304

■ 73.3088, 12.8340,
42.8629

■ 76.1393, 8.9518,
41.6759

■ 79.1267, 5.5300,
39.4327

■ 82.2658, 2.5817,

36.1394

■ 85.5503, 0.1068,
31.8275

■ 88.9734, -1.9046,
26.5439

■ 92.5277, -3.4685,
20.3435

■ 96.2061, -4.6048,
13.2854

Harmonies

Analogous

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



68.1205, 61.3742, 35.7086



68.1187, 21.7994, 42.3561



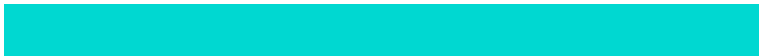
68.1205, -17.4933, 42.9174

Triad

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



68.1205, 21.7953, 42.3567



68.1205, -62.0728, -11.5184



68.1205, 52.3435, -73.2480

Complementary

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



68.1187, 21.7994, 42.3561



39.2497, 32.0138, -118.1660

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.



68.1205, 11.4208, -107.7282



68.1187, 21.7994, 42.3561



68.1205, -50.8093, -60.9527

Square

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



68.1205, 21.7953, 42.3567



68.1205, -60.4973, 22.6638



68.1205, -25.8136, -102.2823



68.1205, 81.5369, -22.9971

Rectangle

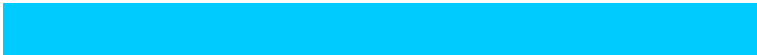
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.1187, 21.7994, 42.3561



68.1205, -37.9381, 40.6050



68.1205, -25.8136, -102.2823



68.1205, 39.1647, -88.0572

Sweetspot

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



68.1205, 21.7953, 42.3567



88.9719, -1.9037, 26.5470



47.0504, 82.4381, 15.9496



40.4872, -0.5141, 13.3657

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.1205, 21.7953, 42.3567



68.1195, 21.7979, 42.3565



93.5774, -36.1683, 57.0285



44.5944, -2.1512, 5.9766



49.5402, 15.1493, 30.7916



16.1222, 3.4173, 9.9943

Inverse Universe

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



39.2497, 32.0138, -118.1660



39.2478, 32.0185, -118.1751



27.3728, 73.2495, -186.7714



42.9956, -2.3517, -1.4717



28.8282, 21.9986, -83.5214



10.0514, 4.4274, -22.1209

Previews

White Background



This preview shows how the HunterLab color 68.1187, 21.7994, 42.3561 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 68.1187, 21.7994, 42.3561 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 68.1187, 21.7994, 42.3561 Background



This preview shows how black text looks on a background with the HunterLab color 68.1187, 21.7994, 42.3561.



This preview shows how white text looks on a background with the HunterLab color 68.1187, 21.7994,

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

68.1187, 21.7994, 42.3561

Protanopia

68.1753, -9.3037, 41.3487

Deuteranopia

68.0647, 5.1558, 42.0314



Tritanopia

68.0626, 35.5965, 12.7863

Trichromacy



Original Color

68.1187, 21.7994, 42.3561

Protanomaly

67.8117, 1.4354, 41.5335

Deuteranomaly

68.0852, 10.8859, 42.1444

Tritanomaly

67.5884, 28.0559, 30.8824

Monochromacy



Original Color

68.1187, 21.7994, 42.3561

Achromatopsia

63.4017, -3.3830, 3.4447

Achromatomaly

63.8535, 1.2781, 26.1952

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.1187, 21.7994, 42.3561 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, 160, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 160, 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(255, 160, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 160, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 68.1187, 21.7994, 42.3561 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, 160, 0) }
```


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

```
.border{ border-color:rgb(255, 160, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 160, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 160, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 160, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 160,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.1187, 21.7994, 42.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 160, 0) }
```

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

```
.background{ background-color: rgb(255,  
160, 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