

Converting Colors

HunterLab(66.1003, 22.2685,
41.1205)

Have a look what the booklet for
HunterLab(66.1003, 22.2685,
41.1205) contains.

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Color

**HunterLab(66.1564, 22.2251,
41.1543)**

Conversions

Conversions Part 1

Format	Color
Hex	FA9B00
RGB	250, 155, 0
RGB Percent	98%, 61%, 0%
CMY	0.0196, 0.3921, 0.9999
CMYK	0.00, 0.38, 1.00, 0.02
HSL	37°, 100%, 49%
HSV	37°, 100%, 98%
XYZ	51.1457, 43.7667, 5.7522
YIQ	165.7350, 106.3750, -28.0650

Conversions

Conversions Part 2

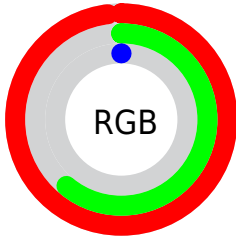
Format	Color
RYB	153, 250, 0
Decimal	16423680
CIELab	72.07, 27.06, 76.80
CIELCh	72, 81.431, 70.590
Yxy	43.7690, 0.5081, 0.4348
Android (android.graphics.Color)	4294613760 (0xFFFA9B00)
YUV	165.7350, -81.7074, 73.9004
Hunter-Lab	66.1564, 22.2251, 41.1543

Details

The HunterLab color **66.1564, 22.2251, 41.1543** 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 **38.8433, 30.1280, -113.5869**, and the grayscale version is **61.9393, -3.3049, 3.3653**.

A 20% lighter version of the original color is **82.3948, -2.0184, 45.6836**, and **45.0170, 21.7126, 28.1194** is the 20% darker color. If you saturate the color by 10%, you get **66.1566, 22.2241, 41.1544**, and if you desaturate by 10%, it is **68.6490, 17.5856, 41.8140**.

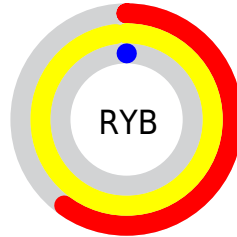
Distribution



Red (98%)

Green (61%)

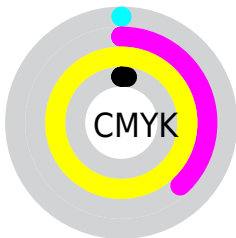
Blue (0%)



Red (60%)

Yellow (98%)

Blue (0%)

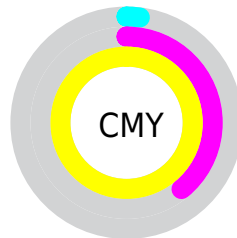


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.1564, 22.2251, 41.1543 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 66.1564, 22.2251, 41.1543 by changing the saturation by 10% instead.

66.1564, 22.2251,
41.1543

66.1564, 22.2251,
41.1543

190.2011, 25.1890,
81.3715

55.2168, 21.5161,
35.8287

89.9278, 23.3604,
51.1579

44.9555, 20.7073,
30.2721

102.6936, 23.8109,
55.8758

35.4229, 19.7820,
24.7960

116.0122, 24.1906,
60.4325

26.6794, 18.7253,
18.6756

129.8614, 24.5049,
64.8466

18.8041, 17.5227,
13.1629

144.2216, 24.7582,
69.1343

11.9060, 16.1722,
8.3342

159.0754, 24.9544,

4.7915, 24.3741,

73.3098

3.3540

174.4067, 25.0970,
77.3853

0.0000, NaN, NaN

0.0000, NaN, NaN

66.1564, 22.2251,
41.1543

66.1564, 22.2251,
41.1543

66.1566, 22.2241,
41.1544

68.6490, 17.5856,
41.8140

71.2945, 13.2823,
41.6528

74.1002, 9.3970,
40.4963

77.0630, 5.9618,
38.3112

80.1772, 2.9894,

35.1058

■ 83.4364, 0.4792,
30.9130

■ 86.8332, -1.5787,
25.7804

■ 90.3602, -3.2003,
19.7628

■ 94.0101, -4.4057,
12.9189

Harmonies

Analogous

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



66.1581, 60.7350, 34.5226



66.1564, 22.2251, 41.1543



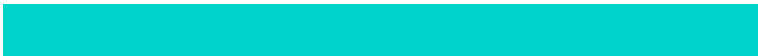
66.1581, -16.2920, 41.7944

Triad

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



66.1581, 22.2211, 41.1549



66.1581, -60.6145, -10.3123



66.1581, 50.3262, -72.7069

Complementary

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



66.1564, 22.2251, 41.1543



38.8433, 30.1280, -113.5869

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.



66.1581, 10.2715, -105.7944



66.1564, 22.2251, 41.1543



66.1581, -49.9336, -58.5171

Square

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



66.1581, 22.2211, 41.1549



66.1581, -58.8048, 22.6072



66.1581, -25.8662, -99.5060



66.1581, 79.3022, -23.5430

Rectangle

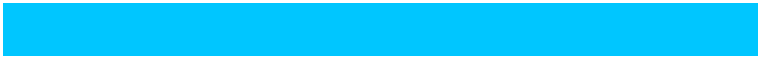
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.1564, 22.2251, 41.1543



66.1581, -36.4244, 39.6459



66.1581, -25.8662, -99.5060



66.1581, 37.3821, -87.0506

Sweetspot

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



66.1581, 22.2211, 41.1549



88.7972, -1.6075, 26.3890



46.0063, 80.6146, 15.5474



40.3957, -0.3581, 13.2858

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.1581, 22.2211, 41.1549



67.6376, 22.7825, 42.0768



91.4969, -35.3530, 55.7607



43.6094, -2.0627, 5.8136



48.4789, 15.5805, 30.1452



15.4309, 3.3974, 9.5679

Inverse Universe

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



38.8433, 30.1280, -113.5869



39.6870, 30.9151, -116.3422



26.7699, 71.6231, -182.5611



42.0999, -2.3442, -1.3999



28.7363, 20.8418, -80.9092



9.8085, 3.9307, -20.7450

Previews

White Background



This preview shows how the HunterLab color 66.1564, 22.2251, 41.1543 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 66.1564, 22.2251, 41.1543 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 66.1564, 22.2251, 41.1543 Background



This preview shows how black text looks on a background with the HunterLab color 66.1564, 22.2251, 41.1543.



This preview shows how white text looks on a background with the HunterLab color 66.1564, 22.2251,

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

66.1564, 22.2251, 41.1543

Protanopia

66.4559, -9.2636, 40.2771

Deuteranopia

66.2213, 4.7182, 40.8878



Tritanopia

66.2400, 38.4400, 13.7330

Trichromacy



Original Color

66.1564, 22.2251, 41.1543

Protanomaly

66.0901, 1.4206, 40.4653

Deuteranomaly

65.9682, 10.9228, 40.8405

Tritanomaly

65.7863, 30.0577, 30.4247

Monochromacy



Original Color

66.1564, 22.2251, 41.1543

Achromatopsia

61.7516, -3.2949, 3.3551

Achromatomaly

62.2508, 1.5945, 25.3994

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.1564, 22.2251, 41.1543 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(250, 155, 0)` looks like.

```
.text, #text, p{  
    color:rgb(250, 155, 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(250, 155, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 155, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 66.1564, 22.2251, 41.1543 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(250, 155, 0) }
```


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

```
.border{ border-color:rgb(250, 155, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 155, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 155, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 155, 0);  
box-shadow:4px 4px 4px 4px rgb(250, 155,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.1564, 22.2251, 41.1543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 155, 0) }
```

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

```
.background{ background-color: rgb(250,  
155, 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](#).

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