

# Converting Colors

HunterLab(69.5276, 17.8142,  
42.2152)

Have a look what the booklet for  
HunterLab(69.5276, 17.8142,  
42.2152) contains.

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# Color

**HunterLab(69.4542, 18.1464,  
42.1772)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDA61C
RGB	253, 166, 28
RGB Percent	99%, 65%, 11%
CMY	0.0078, 0.3490, 0.8902
CMYK	0.00, 0.34, 0.89, 0.01
HSL	37°, 98%, 55%
HSV	37°, 89%, 99%
XYZ	54.3537, 48.2389, 7.5449
YIQ	176.2810, 96.1500, -24.4740

# Conversions

## Conversions Part 2

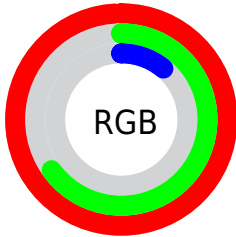
Format	Color
<a href="#">RYB</a>	<a href="#">170, 253, 28</a>
Decimal	<a href="#">16623132</a>
<a href="#">CIELab</a>	<a href="#">74.98, 22.88, 74.71</a>
<a href="#">CIELCh</a>	<a href="#">75, 78.131, 72.973</a>
<a href="#">Yxy</a>	<a href="#">48.2413, 0.4935, 0.4380</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294813212 (0xFFFDA61C)</a>
<a href="#">YUV</a>	<a href="#">176.2810, -73.1025, 67.2826</a>
<a href="#">Hunter-Lab</a>	<a href="#">69.4542, 18.1464, 42.1772</a>

# Details

The HunterLab color **69.4542, 18.1464, 42.1772** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **44.2720, 20.6572, -96.8089**, and the grayscale version is **66.2753, -3.5363, 3.6009**.

A 20% lighter version of the original color is **85.8552, -6.9106, 46.1027**, and **47.9393, 17.5798, 29.8477** is the 20% darker color. If you saturate the color by 10%, you get **66.8886, 22.9103, 41.5486**, and if you desaturate by 10%, it is **72.1875, 13.7304, 41.9251**.

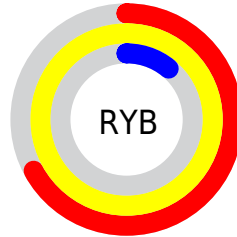
# Distribution



Red (99%)

Green (65%)

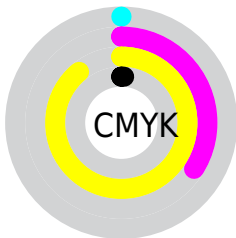
Blue (11%)



Red (67%)

Yellow (99%)

Blue (11%)

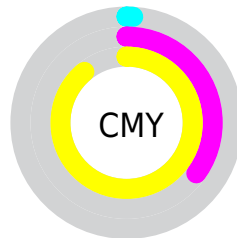


Cyan (0%)

Magenta (34%)

Yellow (89%)

Black (1%)



Cyan (1%)

Magenta (35%)


Yellow (89%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.4542, 18.1464, 42.1772 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 69.4542, 18.1464, 42.1772 by changing the saturation by 10% instead.





 69.4542, 18.1464,  
42.1772


 69.4542, 18.1464,  
42.1772


194.8712, 19.5436,  
81.0590


 58.3250, 17.6470,  
37.0438


 93.5754, 18.8889,  
51.8205

 47.8617, 17.0578,  
31.6770


 106.5042, 19.1545,  
56.3734


 38.1119, 16.3626,  
26.3694

 119.9790, 19.3559,  
60.7750

 29.1322, 15.5465,  
20.3925

 133.9784, 19.4979,  
65.0431

 20.9953, 14.5913,  
14.6967

 148.4837, 19.5844,  
69.1930

 13.7997, 13.4783,  
9.6598

 163.4776, 19.6189,

 7.4228, 13.6023,

73.2382

5.1959

178.9448, 19.6044,  
77.1902

0.0000, INF, NaN

0.0000, NaN, NaN

■ 69.4542, 18.1464,  
42.1772

■ 69.4542, 18.1464,  
42.1772

■ 66.8886, 22.9103,  
41.5486

■ 72.1875, 13.7304,  
41.9251

■ 66.6217, 23.4291,  
41.4621

■ 75.0857, 9.7472,  
40.6561

■ 78.1465, 6.2235,  
38.3447

■ 81.3636, 3.1706,  
35.0044

■ 84.7298, 0.5866,

30.6723

88.2372, -1.5397,  
25.3993

91.8780, -3.2257,  
19.2430

95.6445, -4.4924,  
12.2637

99.5064, -5.4887,  
4.8481

# Harmonies

## Analogous

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



69.4560, 55.7040, 35.7008



69.4542, 18.1464, 42.1772



69.4560, -18.8246, 42.5086

# Triad

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



69.4560, 18.1424, 42.1779



69.4560, -59.8830, -13.0049



69.4560, 51.1178, -65.2815

# Complementary

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



69.4542, 18.1464, 42.1772



44.2720, 20.6572, -96.8089

# 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.



69.4560, 12.8195, -98.3321



69.4542, 18.1464, 42.1772



69.4560, -48.0976, -59.1538

# Square

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



69.4560, 18.1424, 42.1779



69.4560, -59.0416, 20.6784



69.4560, -23.1551, -95.6414



69.4560, 77.2825, -18.8406



# Rectangle

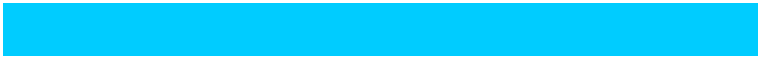
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.4542, 18.1464, 42.1772



69.4560, -38.0366, 39.7741



69.4560, -23.1551, -95.6414



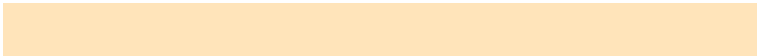
69.4560, 38.9304, -79.1908

# Sweetspot

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



69.4560, 18.1424, 42.1779



89.7259, -1.9138, 24.5033



47.9806, 80.4441, 9.7927



40.9408, -0.5835, 12.2521

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



69.4560, 18.1424, 42.1779



67.2111, 23.6610, 41.8294



93.4021, -33.2541, 56.2741



44.5445, -2.0680, 5.9233



48.8901, 16.4731, 30.4142



15.9353, 3.7799, 9.8854



# Inverse Universe

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



44.2720, 20.6572, -96.8089



40.0837, 29.9322, -114.7161



29.3491, 67.1484, -168.4686



43.0457, -2.4347, -1.4098



29.4329, 20.5204, -81.0861



10.2355, 4.0348, -21.5035



# Previews

## White Background



This preview shows how the HunterLab color 69.4542, 18.1464, 42.1772 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 69.4542, 18.1464, 42.1772 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 69.4542, 18.1464, 42.1772 Background



This preview shows how black text looks on a background with the HunterLab color 69.4542, 18.1464, 42.1772.



This preview shows how white text looks on a background with the HunterLab color 69.4542, 18.1464,



# 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

69.4542, 18.1464, 42.1772

### Protanopia

69.4430, -9.3247, 41.3351

### Deuteranopia

69.4258, 5.4633, 42.3493



## Tritanopia

69.4003, 33.5714, 12.1186

# Trichromacy



## Original Color

69.4542, 18.1464, 42.1772

## Protanomaly

69.1320, 0.1712, 41.4299

## Deuteranomaly

69.4721, 9.9064, 42.3340

## Tritanomaly

68.9009, 26.0459, 28.6942

# Monochromacy



## Original Color

69.4542, 18.1464, 42.1772

## Achromatopsia

65.8903, -3.5157, 3.5799

## Achromatomaly

66.1419, 0.7488, 24.2645

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 69.4542, 18.1464, 42.1772 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, 166, 28)` looks like.

```
.text, #text, p{  
    color:rgb(253, 166, 28)  
}
```

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, 166, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 166, 28) }
```

## Border

The CSS property to change the border of an element to HunterLab 69.4542, 18.1464, 42.1772 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, 166, 28) }
```



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

```
.border{ border-color:rgb(253, 166, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 166, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 166, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 166, 28);  
box-shadow:4px 4px 4px 4px rgb(253, 166,  
28) }
```

# Background

The CSS property to change the background color of an element to HunterLab 69.4542, 18.1464, 42.1772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 166, 28) }
```

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

```
.background{ background-color: rgb(253,  
166, 28) }
```

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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