

Converting Colors

HunterLab(64.4413, 22.0594,
40.0928)

Have a look what the booklet for
HunterLab(64.4413, 22.0594,
40.0928) contains.

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Color

**HunterLab(64.4559, 22.1317,
40.1049)**

Conversions

Conversions Part 1

Format	Color
Hex	F59700
RGB	245, 151, 0
RGB Percent	96%, 59%, 0%
CMY	0.0392, 0.4078, 1.0000
CMYK	0.00, 0.38, 1.00, 0.04
HSL	37°, 100%, 48%
HSV	37°, 100%, 96%
XYZ	48.7227, 41.5456, 5.4511
YIQ	161.8920, 104.4950, -27.0330

Conversions

Conversions Part 2

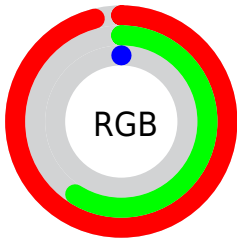
Format	Color
RYB	153, 245, 0
Decimal	16094976
CIELab	70.56, 27.07, 75.52
CIELCh	71, 80.227, 70.282
Yxy	41.5478, 0.5090, 0.4340
Android (android.graphics.Color)	4294285056 (0xFFFF59700)
YUV	161.8920, -79.8128, 72.8857
Hunter-Lab	64.4559, 22.1317, 40.1049

Details

The HunterLab color **64.4559, 22.1317, 40.1049** 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 **38.2083, 28.8341, -110.0005**, and the grayscale version is **60.3528, -3.2203, 3.2791**.

A 20% lighter version of the original color is **80.8977, 0.4735, 44.8459**, and **43.6571, 21.1093, 27.2709** is the 20% darker color. If you saturate the color by 10%, you get **64.4564, 22.1301, 40.1051**, and if you desaturate by 10%, it is **66.9053, 17.5603, 40.7434**.

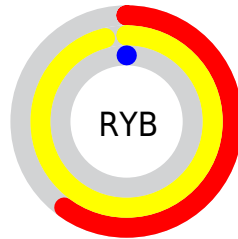
Distribution



Red (96%)

Green (59%)

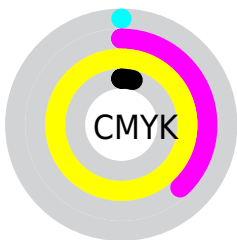
Blue (0%)



Red (60%)

Yellow (96%)

Blue (0%)

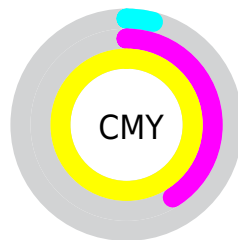


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.4559, 22.1317, 40.1049 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 64.4559, 22.1317, 40.1049 by changing the saturation by 10% instead.


 64.4559, 22.1317,
40.1049

 64.4559, 22.1317,
40.1049


187.7778, 25.1880,
79.9126


 53.6166, 21.4074,
34.8208


 88.0425, 23.2934,
50.0201


 43.4624, 20.5815,
29.3129


 100.7225, 23.7555,
54.6922


 34.0451, 19.6370,
23.8316


 113.9587, 24.1459,
59.2026

 25.4276, 18.5587,
17.7993

 127.7288, 24.4700,
63.5703

 17.6924, 17.3328,
12.3847

 142.0128, 24.7325,
67.8118

 10.9549, 15.9624,
7.6684

 156.7928, 24.9374,

 2.4855, 47.3222,

71.9413

1.7399

172.0527, 25.0882,
75.9713

0.0000, NaN, NaN

0.0000, NaN, NaN

64.4559, 22.1317,
40.1049

64.4559, 22.1317,
40.1049

64.4564, 22.1301,
40.1051

66.9053, 17.5603,
40.7434

69.5062, 13.3160,
40.5827

72.2655, 9.4798,
39.4507

75.1799, 6.0829,
37.3167

78.2437, 3.1378,

34.1898

■ 81.4502, 0.6436,
30.1034

■ 84.7922, -1.4095,
25.1044

■ 88.2623, -3.0373,
19.2472

■ 91.8531, -4.2599,
12.5892

Harmonies

Analogous

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



64.4576, 59.6860, 33.5639



64.4559, 22.1317, 40.1049



64.4576, -15.5573, 40.7709

Triad

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



64.4576, 22.1277, 40.1055



64.4576, -59.2054, -9.6555



64.4576, 48.8035, -71.5522

Complementary

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



64.4559, 22.1317, 40.1049



38.2083, 28.8341, -110.0005

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.



64.4576, 9.6383, -103.6068



64.4559, 22.1317, 40.1049



64.4576, -48.9149, -56.7078

Square

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



64.4576, 22.1277, 40.1055



64.4576, -57.3164, 22.2922



64.4576, -25.5596, -97.0266



64.4576, 77.3163, -23.4885

Rectangle

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



64.4559, 22.1317, 40.1049



64.4576, -35.2979, 38.7207



64.4576, -25.5596, -97.0266



64.4576, 36.1268, -85.5092

Sweetspot

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



64.4576, 22.1277, 40.1055



88.7113, -1.4617, 26.3112



45.0494, 79.1047, 13.9338



40.3507, -0.2813, 13.2464

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.4576, 22.1277, 40.1055



67.4020, 23.2669, 41.9401



89.7764, -33.2015, 54.7383



42.6420, -1.9976, 5.6661



47.6006, 15.6462, 29.6052



14.7983, 3.2734, 9.1759

Inverse Universe

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



38.2083, 28.8341, -110.0005



39.9052, 30.3728, -115.4443



26.0639, 69.9255, -179.2239



41.1934, -2.3136, -1.3457



28.4806, 20.0960, -78.9799



9.5149, 3.5528, -19.5622

Previews

White Background



This preview shows how the HunterLab color 64.4559, 22.1317, 40.1049 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 64.4559, 22.1317, 40.1049 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 64.4559, 22.1317, 40.1049 Background



This preview shows how black text looks on a background with the HunterLab color 64.4559, 22.1317, 40.1049.



This preview shows how white text looks on a background with the HunterLab color 64.4559, 22.1317,

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

64.4559, 22.1317, 40.1049

Protanopia

64.7440, -9.2223, 39.2094

Deuteranopia

64.5066, 4.6870, 39.8307



Tritanopia

64.4203, 38.9628, 13.4311

Trichromacy



Original Color

64.4559, 22.1317, 40.1049

Protanomaly

64.3760, 1.4060, 39.4012

Deuteranomaly

64.2575, 10.8682, 39.7854

Tritanomaly

63.9772, 30.7556, 29.7053

Monochromacy



Original Color

64.4559, 22.1317, 40.1049

Achromatopsia

60.1088, -3.2073, 3.2658

Achromatomaly

60.5305, 1.4515, 24.7551

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4559, 22.1317, 40.1049 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(245, 151, 0)` looks like.

```
.text, #text, p{  
    color:rgb(245, 151, 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(245, 151, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 151, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4559, 22.1317, 40.1049 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(245, 151, 0) }
```


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

```
.border{ border-color:rgb(245, 151, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 151, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 151, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 151, 0);  
box-shadow:4px 4px 4px 4px rgb(245, 151,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4559, 22.1317, 40.1049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 151, 0) }
```

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

```
.background{ background-color: rgb(245,  
151, 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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