

Converting Colors

HunterLab(64.0514, 22.2063,
39.5568)

Have a look what the booklet for
HunterLab(64.0514, 22.2063,
39.5568) contains.

HunterLab(64.0858, 22.3114, 39.5871)	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(64.0858, 22.3114,
39.5871)**

Conversions

Conversions Part 1

Format	Color
Hex	F4960B
RGB	244, 150, 11
RGB Percent	96%, 59%, 4%
CMY	0.0431, 0.4117, 0.9568
CMYK	0.00, 0.39, 0.95, 0.04
HSL	36°, 91%, 50%
HSV	36°, 95%, 96%
XYZ	48.2749, 41.0699, 5.6995
YIQ	162.2600, 100.6430, -23.3010

Conversions

Conversions Part 2

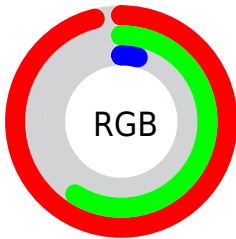
Format	Color
RYB	169, 244, 11
Decimal	16029195
CIELab	70.23, 27.27, 73.85
CIELCh	70, 78.721, 69.734
Yxy	41.0720, 0.5079, 0.4321
Android (android.graphics.Color)	4294219275 (0xFFFF4960B)
YUV	162.2600, -74.5712, 71.6860
Hunter-Lab	64.0858, 22.3114, 39.5871

Details

The HunterLab color **64.0858, 22.3114, 39.5871** 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 **40.8737, 22.4472, -98.5709**, and the grayscale version is **60.4840, -3.2273, 3.2862**.

A 20% lighter version of the original color is **80.6380, 1.1752, 44.1291**, and **43.2983, 21.1820, 27.0510** is the 20% darker color. If you saturate the color by 10%, you get **62.9737, 24.4919, 39.2329**, and if you desaturate by 10%, it is **66.6682, 17.6371, 39.9467**.

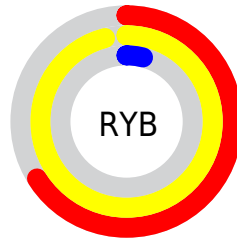
Distribution



Red (96%)

Green (59%)

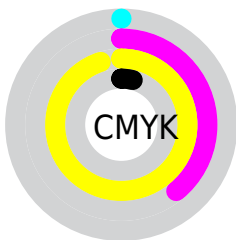
Blue (4%)



Red (66%)

Yellow (96%)

Blue (4%)

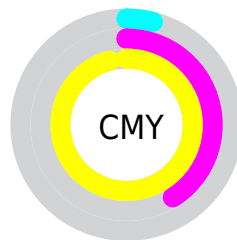


Cyan (0%)

Magenta (39%)

Yellow (95%)

Black (4%)



Cyan (4%)


Magenta (41%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.0858, 22.3114, 39.5871 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 64.0858, 22.3114, 39.5871 by changing the saturation by 10% instead.


 64.0858, 22.3114,
39.5871


 64.0858, 22.3114,
39.5871


187.2489, 25.4545,
78.6464


 53.2686, 21.5752,
34.3965


 87.6318, 23.4953,
49.3179


 43.1379, 20.7366,
28.9715


 100.2929, 23.9677,
53.9012


 33.7461, 19.7786,
23.6222


 113.5111, 24.3680,
58.3257

 25.1564, 18.6864,
17.6094

 127.2638, 24.7017,
62.6102

 17.4522, 17.4463,
12.2165

 141.5310, 24.9734,
66.7712

 10.7503, 16.0639,
7.5252

 156.2948, 25.1871,

 1.5831, 74.9730,

70.8230

1.1081

171.5390, 25.3465,
74.7779

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.0858, 22.3114,
39.5871

■ 64.0858, 22.3114,
39.5871

■ 62.9737, 24.4919,
39.2329

■ 66.6682, 17.6371,
39.9467

■ 69.4204, 13.3421,
39.3814

■ 72.3411, 9.4707,
37.8322

■ 75.4240, 6.0455,
35.2949

■ 78.6617, 3.0722,

31.7964

■ 82.0459, 0.5448,
27.3818

■ 85.5681, -1.5505,
22.1059

■ 89.2200, -3.2329,
16.0274

■ 92.9936, -4.5241,
9.2058

Harmonies

Analogous

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



64.0875, 58.8329, 32.8842



64.0858, 22.3114, 39.5871



64.0875, -14.6904, 40.3397

Triad

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



64.0875, 22.3075, 39.5877



64.0875, -58.2917, -8.6475



64.0875, 46.9894, -70.4295

Complementary

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



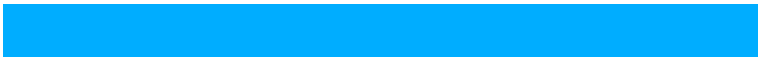
64.0858, 22.3114, 39.5871



40.8737, 22.4472, -98.5709

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.



64.0875, 8.6810, -100.9764



64.0858, 22.3114, 39.5871



64.0875, -48.3701, -54.3471

Square

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



64.0875, 22.3075, 39.5877



64.0875, -56.2103, 22.3337



64.0875, -25.6418, -93.8626



64.0875, 75.1201, -23.7080

Rectangle

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



64.0858, 22.3114, 39.5871



64.0875, -34.2155, 38.3394



64.0875, -25.6418, -93.8626



64.0875, 34.5688, -83.8443

Sweetspot

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



64.0875, 22.3075, 39.5877



88.6223, -0.8924, 25.3281



45.3400, 78.6801, 10.7307



40.2701, 0.0291, 12.8032

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.0875, 22.3075, 39.5877



66.1499, 25.8751, 41.2142



89.8141, -31.3052, 54.5857



42.5754, -1.8865, 5.5948



46.7316, 17.4414, 29.1011



14.5622, 3.7345, 9.0386

Inverse Universe

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



40.8737, 22.4472, -98.5709



41.1036, 27.4620, -110.6586



26.5587, 67.7565, -173.5142



41.2603, -2.4244, -1.2632



29.3203, 18.1010, -75.7227



9.7545, 3.0596, -18.7971

Previews

White Background



This preview shows how the HunterLab color 64.0858, 22.3114, 39.5871 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 64.0858, 22.3114, 39.5871 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 64.0858, 22.3114, 39.5871 Background



This preview shows how black text looks on a background with the HunterLab color 64.0858, 22.3114, 39.5871.



This preview shows how white text looks on a background with the HunterLab color 64.0858, 22.3114,

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

64.0858, 22.3114, 39.5871

Protanopia

64.3511, -9.0749, 38.8403

Deuteranopia

64.1091, 4.7798, 39.5874



Tritanopia

64.0244, 38.9609, 13.4131

Trichromacy



Original Color

64.0858, 22.3114, 39.5871

Protanomaly

63.9905, 1.5699, 38.9667

Deuteranomaly

63.8697, 10.9941, 39.4420

Tritanomaly

63.6414, 31.0711, 28.7622

Monochromacy



Original Color

64.0858, 22.3114, 39.5871

Achromatopsia

60.1088, -3.2073, 3.2658

Achromatomaly

60.5985, 1.8182, 23.7627

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.0858, 22.3114, 39.5871 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(244, 150, 11)` looks like.

```
.text, #text, p{  
    color:rgb(244, 150, 11)  
}
```

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(244, 150, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 150, 11) }
```

Border

The CSS property to change the border of an element to HunterLab 64.0858, 22.3114, 39.5871 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(244, 150, 11) }
```


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

```
.border{ border-color:rgb(244, 150, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 150, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 150, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 150, 11);  
box-shadow:4px 4px 4px 4px rgb(244, 150,  
11) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.0858, 22.3114, 39.5871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 150, 11) }
```

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

```
.background{ background-color: rgb(244,  
150, 11) }
```

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