

Converting Colors

HunterLab(63.0583, 28.8998,
39.2300)

Have a look what the booklet for
HunterLab(63.0583, 28.8998,
39.2300) contains.

HunterLab(62.9928, 28.9652, 39.1878)	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(62.9928, 28.9652,
39.1878)**

Conversions

Conversions Part 1

Format	Color
Hex	FA8E05
RGB	250, 142, 5
RGB Percent	98%, 56%, 2%
CMY	0.0196, 0.4431, 0.9803
CMYK	0.00, 0.43, 0.98, 0.02
HSL	34°, 96%, 50%
HSV	34°, 98%, 98%
XYZ	49.1247, 39.6809, 5.2136
YIQ	158.6740, 108.3450, -19.7110

Conversions

Conversions Part 2

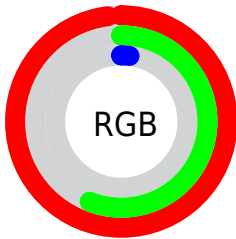
Format	Color
R_{YB}	198, 250, 5
Decimal	16420357
CIE _{Lab}	69.24, 33.83, 74.34
CIE _{LCh}	69, 81.679, 65.530
Yxy	39.6830, 0.5225, 0.4221
Android (android.graphics.Color)	4294610437 (0xFFFA8E05)
YUV	158.6740, -75.7613, 80.0929
Hunter-Lab	62.9928, 28.9652, 39.1878

Details

The HunterLab color **62.9928, 28.9652, 39.1878** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **43.2961, 19.9769, -96.8230**, and the grayscale version is **59.0186, -3.1491, 3.2066**.

A 20% lighter version of the original color is **78.2788, 5.1200, 43.0067**, and **42.3335, 27.0739, 26.5597** is the 20% darker color. If you saturate the color by 10%, you get **62.4668, 30.0516, 39.0179**, and if you desaturate by 10%, it is **65.7337, 23.6042, 39.8094**.

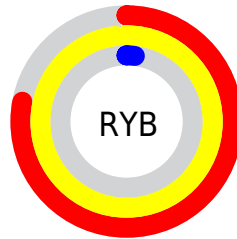
Distribution



Red (98%)

Green (56%)

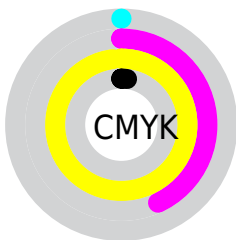
Blue (2%)



Red (78%)

Yellow (98%)

Blue (2%)

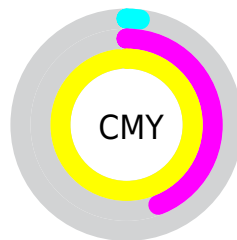


Cyan (0%)

Magenta (43%)

Yellow (98%)

Black (2%)



Cyan (2%)


Magenta (44%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 62.9928, 28.9652, 39.1878 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 62.9928, 28.9652, 39.1878 by changing the saturation by 10% instead.


 62.9928, 28.9652,
39.1878


 62.9928, 28.9652,
39.1878


185.6841, 34.3379,
78.6046


 52.2413, 27.9418,
33.9442


 86.4180, 30.6965,
49.0174


 42.1809, 26.8081,
28.4889


 99.0230, 31.4301,
53.6455


 32.8648, 25.5488,
23.0054


 112.1874, 32.0839,
58.1117

 24.3581, 24.1552,
17.0506

 125.8885, 32.6637,
62.4351

 16.7466, 22.6309,
11.7226

 140.1060, 33.1748,
66.6326

 10.1515, 21.0374,
7.1060

 154.8217, 33.6217,

0.0000, INF, NaN

70.7187

0.0000, NaN, NaN

170.0193, 34.0082,
74.7057

0.0000, NaN, NaN

62.9928, 28.9652,
39.1878

62.9928, 28.9652,
39.1878

62.4668, 30.0516,
39.0179

65.7337, 23.6042,
39.8094

68.6788, 18.5962,
39.5235

71.8259, 14.0105,
38.2373

75.1657, 9.8809,
35.9453

78.6876, 6.2190,
32.6797

■ 82.3802, 3.0209,
28.4930

■ 86.2322, 0.2725,
23.4475

■ 90.2328, -2.0465,
17.6091

■ 94.3715, -3.9606,
11.0432

Harmonies

Analogous

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



62.9945, 65.7665, 31.4753



62.9928, 28.9652, 39.1878



62.9945, -10.0868, 40.4679

Triad

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



62.9945, 28.9610, 39.1884



62.9945, -59.7685, -3.4608



62.9945, 43.6364, -80.4673

Complementary

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



62.9928, 28.9652, 39.1878



43.2961, 19.9769, -96.8230

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.



62.9945, 3.6519, -108.2718



62.9928, 28.9652, 39.1878



62.9945, -51.5084, -50.0676

Square

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



62.9945, 28.9610, 39.1884



62.9945, -55.9970, 25.5448



62.9945, -30.2531, -94.7618



62.9945, 75.5194, -31.6174

Rectangle

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



62.9928, 28.9652, 39.1878



62.9945, -31.2337, 39.0579



62.9945, -30.2531, -94.7618



62.9945, 30.3905, -93.5637

Sweetspot

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



62.9945, 28.9610, 39.1884



87.7809, 0.5490, 24.5544



46.5579, 81.8024, 9.3670



39.8274, 0.7929, 12.4102

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



62.9945, 28.9610, 39.1884



63.8619, 30.7963, 39.8905



93.0137, -29.6120, 56.7044



43.3997, -1.7122, 5.5890



45.8147, 21.1883, 28.6018



14.6809, 4.8901, 9.1319

Inverse Universe

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



43.2961, 19.9769, -96.8230



43.4718, 22.0151, -101.8602



26.7067, 70.5321, -183.0931



42.3110, -2.6936, -1.1398



31.4248, 14.6450, -70.8926



10.5920, 2.3460, -18.3034

Previews

White Background



This preview shows how the HunterLab color 62.9928, 28.9652, 39.1878 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 62.9928, 28.9652, 39.1878 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 62.9928, 28.9652, 39.1878 Background



This preview shows how black text looks on a background with the HunterLab color 62.9928, 28.9652, 39.1878.



This preview shows how white text looks on a background with the HunterLab color 62.9928, 28.9652,

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

62.9928, 28.9652, 39.1878

Protanopia

63.1477, -8.7842, 38.1361

Deuteranopia

63.0760, 4.1618, 38.9400



Tritanopia

62.9965, 43.6117, 15.8650

Trichromacy



Original Color

62.9928, 28.9652, 39.1878

Protanomaly

62.5885, 4.0023, 38.2087

Deuteranomaly

62.8064, 12.9942, 38.8743

Tritanomaly

62.6607, 36.3210, 29.6666

Monochromacy



Original Color

62.9928, 28.9652, 39.1878

Achromatopsia

58.8816, -3.1418, 3.1991

Achromatomaly

59.1339, 3.9093, 23.6407

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.9928, 28.9652, 39.1878 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, 142, 5)` looks like.

```
.text, #text, p{  
    color:rgb(250, 142, 5)  
}
```

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, 142, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 142, 5) }
```

Border

The CSS property to change the border of an element to HunterLab 62.9928, 28.9652, 39.1878 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, 142, 5) }
```


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

```
.border{ border-color:rgb(250, 142, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 142, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 142, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 142, 5);  
box-shadow:4px 4px 4px 4px rgb(250, 142,  
5) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.9928, 28.9652, 39.1878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 142, 5) }
```

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

```
.background{ background-color: rgb(250,  
142, 5) }
```

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