

Converting Colors

HunterLab(64.3898, 9.9359,
39.8506)

Have a look what the booklet for
HunterLab(64.3898, 9.9359,
39.8506) contains.

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Color

**HunterLab(64.3991, 9.9508,
39.8567)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A000
RGB	227, 160, 0
RGB Percent	89%, 63%, 0%
CMY	0.1098, 0.3725, 1.0000
CMYK	0.00, 0.30, 1.00, 0.11
HSL	42°, 100%, 45%
HSV	42°, 100%, 89%
XYZ	44.2493, 41.4724, 5.6727
YIQ	161.7930, 91.2920, -35.5560

Conversions

Conversions Part 2

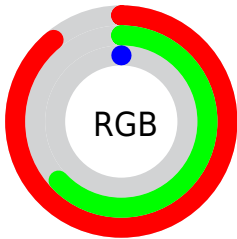
Format	Color
R_{YB}	95, 227, 0
Decimal	14917632
CIE _{Lab}	70.51, 14.65, 74.45
CIE _{LCh}	71, 75.876, 78.871
Yxy	41.4745, 0.4841, 0.4538
Android (android.graphics.Color)	4293107712 (0xFFE3A000)
YUV	161.7930, -79.7639, 57.1865
Hunter-Lab	64.3991, 9.9508, 39.8567

Details

The HunterLab color **64.3991, 9.9508, 39.8567** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **30.9208, 37.5180, -119.6376**, and the grayscale version is **60.3157, -3.2183, 3.2771**.

A 20% lighter version of the original color is **83.9027, -4.5451, 46.6594**, and **43.6397, 10.3226, 27.0713** is the 20% darker color. If you saturate the color by 10%, you get **64.3997, 9.9491, 39.8570**, and if you desaturate by 10%, it is **66.2731, 6.8275, 40.2450**.

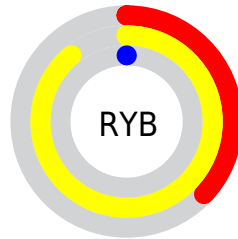
Distribution



Red (89%)

Green (63%)

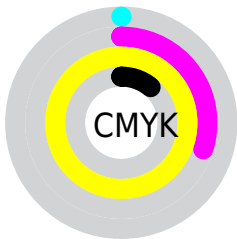
Blue (0%)



Red (37%)

Yellow (89%)

Blue (0%)

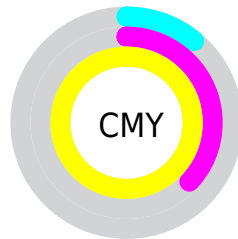


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (37%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.3991, 9.9508, 39.8567 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 64.3991, 9.9508, 39.8567 by changing the saturation by 10% instead.


 64.3991, 9.9508,
39.8567


 64.3991, 9.9508,
39.8567


187.6966, 8.7218,
79.1646

 53.5631, 9.7926,
34.6361


 87.9794, 10.0473,
49.6472

 43.4125, 9.5567,
29.1826

 100.6565, 10.0052,
54.2597

 33.9991, 9.2279,
23.7994


 113.8900, 9.9083,
58.7126


 25.3859, 8.7906,
17.7701

 127.6574, 9.7606,
63.0249

 17.6555, 8.2234,
12.3588

 141.9388, 9.5654,
67.2129

 10.9234, 7.4960,
7.6464

 156.7163, 9.3256,

 2.3694, 26.8080,

71.2910

1.6586

171.9738, 9.0437,
75.2713

0.0000, NaN, NaN

0.0000, NaN, NaN

64.3991, 9.9508,
39.8567

64.3991, 9.9508,
39.8567

64.3997, 9.9491,
39.8570

66.2731, 6.8275,
40.2450

68.2395, 3.9972,
39.9255

70.3096, 1.5294,
38.7244

72.4850, -0.5493,
36.5943

74.7649, -2.2261,

33.5215

■ 77.1476, -3.4976,
29.5152

■ 79.6303, -4.3677,
24.5989

■ 82.2099, -4.8453,
18.8067

■ 84.8828, -4.9432,
12.1784

Harmonies

Analogous

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



64.4007, 46.5675, 35.3239



64.3991, 9.9508, 39.8567



64.4007, -23.6242, 39.2811

Triad

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



64.4007, 9.9474, 39.8573



64.4007, -55.1822, -20.5783



64.4007, 54.8950, -53.7527

Complementary

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



64.3991, 9.9508, 39.8567



30.9208, 37.5180, -119.6376

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.



64.4007, 19.5845, -90.0741



64.3991, 9.9508, 39.8567



64.4007, -41.7024, -64.9395

Square

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



64.4007, 9.9474, 39.8573



64.4007, -56.6885, 14.5897



64.4007, -15.8154, -94.9982



64.4007, 75.9433, -9.9839

Rectangle

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



64.3991, 9.9508, 39.8567



64.4007, -40.1807, 35.9228



64.4007, -15.8154, -94.9982



64.4007, 43.9923, -68.0440

Sweetspot

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



64.4007, 9.9474, 39.8573



90.7995, -4.9682, 28.1880



40.9264, 71.1090, 18.5157



41.4460, -2.1275, 14.1959

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.4007, 9.9474, 39.8573



73.3467, 11.5992, 45.3990



80.5198, -37.4575, 48.9599



40.0762, -2.3274, 5.5628



49.3957, 7.1973, 30.5634



14.0086, 0.8998, 8.6478

Inverse Universe

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



30.9208, 37.5180, -119.6376



35.0536, 43.4728, -137.6593



24.7255, 64.7700, -157.8939



38.1797, -1.6986, -1.5744



23.9830, 27.5816, -89.5174



7.6298, 4.6411, -19.5553

Previews

White Background



This preview shows how the HunterLab color 64.3991, 9.9508, 39.8567 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 64.3991, 9.9508, 39.8567 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 64.3991, 9.9508, 39.8567 Background



This preview shows how black text looks on a background with the HunterLab color 64.3991, 9.9508, 39.8567.



This preview shows how white text looks on a background with the HunterLab color 64.3991, 9.9508,

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

64.3991, 9.9508, 39.8567

Protanopia

64.4368, -8.8044, 39.1692

Deuteranopia

64.5066, 4.6870, 39.8307



Tritanopia

64.4402, 28.5675, 9.6082

Trichromacy



Original Color

64.3991, 9.9508, 39.8567

Protanomaly

64.2576, -1.9354, 39.3229

Deuteranomaly

64.5941, 6.3988, 39.9146

Tritanomaly

63.8206, 19.0537, 27.9815

Monochromacy



Original Color

64.3991, 9.9508, 39.8567

Achromatopsia

60.1088, -3.2073, 3.2658

Achromatomaly

60.7520, -2.1792, 24.8738

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.3991, 9.9508, 39.8567 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(227, 160, 0)` looks like.

```
.text, #text, p{  
    color:rgb(227, 160, 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(227, 160, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 160, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 64.3991, 9.9508, 39.8567 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(227, 160, 0) }
```


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

```
.border{ border-color:rgb(227, 160, 0) }
```

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

Here you see how a box with a 4 pixel rgb(227, 160, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 160, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 160, 0);  
box-shadow:4px 4px 4px 4px rgb(227, 160,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.3991, 9.9508, 39.8567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 160, 0) }
```

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

```
.background{ background-color: rgb(227,  
160, 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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