

Converting Colors

HunterLab(64.0541, 10.5652,
39.6548)

Have a look what the booklet for
HunterLab(64.0541, 10.5652,
39.6548) contains.

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Color

**HunterLab(64.1305, 10.4542,
39.6999)**

Conversions

Conversions Part 1

Format	Color
Hex	E39F00
RGB	227, 159, 0
RGB Percent	89%, 62%, 0%
CMY	0.1098, 0.3764, 0.9999
CMYK	0.00, 0.30, 1.00, 0.11
HSL	42°, 100%, 45%
HSV	42°, 100%, 89%
XYZ	44.0767, 41.1272, 5.6153
YIQ	161.2060, 91.5670, -35.0330

Conversions

Conversions Part 2

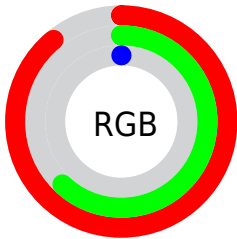
Format	Color
R_{YB}	97, 227, 0
Decimal	14917376
CIE _{Lab}	70.27, 15.18, 74.29
CIE _{LCh}	70, 75.822, 78.452
Yxy	41.1293, 0.4853, 0.4529
Android (android.graphics.Color)	4293107456 (0xFFE39F00)
YUV	161.2060, -79.4746, 57.7013
Hunter-Lab	64.1305, 10.4542, 39.6999

Details

The HunterLab color **64.1305, 10.4542, 39.6999** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **31.1149, 36.9524, -118.6588**, and the grayscale version is **60.0741, -3.2054, 3.2639**.

A 20% lighter version of the original color is **83.2973, -3.5359, 46.2679**, and **43.3960, 10.7998, 26.9295** is the 20% darker color. If you saturate the color by 10%, you get **64.1308, 10.4530, 39.7001**, and if you desaturate by 10%, it is **66.0254, 7.2789, 40.0974**.

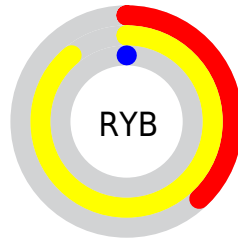
Distribution



Red (89%)

Green (62%)

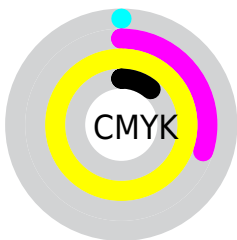
Blue (0%)



Red (38%)

Yellow (89%)

Blue (0%)

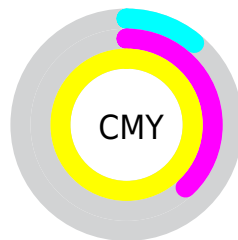


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.1305, 10.4542, 39.6999 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 64.1305, 10.4542, 39.6999 by changing the saturation by 10% instead.

64.1305, 10.4542,
39.6999

64.1305, 10.4542,
39.6999

187.3128, 9.4254,
78.9615

53.3105, 10.2688,
34.4835

87.6813, 10.6013,
49.4810

43.1771, 10.0040,
29.0355

100.3447, 10.5829,
54.0884

33.7821, 9.6445,
23.6475

113.5651, 10.5089,
58.5362

25.1891, 9.1745,
17.6323

127.3199, 10.3831,
62.8431

17.4811, 8.5720,
12.2368

141.5891, 10.2092,
67.0258

10.7749, 7.8069,
7.5424

156.3549, 9.9899,

1.7174, 38.4217,

71.0985

1.2022

171.6010, 9.7279,
75.0735

0.0000, NaN, NaN

0.0000, NaN, NaN

64.1305, 10.4542,
39.6999

64.1305, 10.4542,
39.6999

64.1308, 10.4530,
39.7001

66.0254, 7.2789,
40.0974

68.0145, 4.3972,
39.7863

70.1089, 1.8788,
38.5931

72.3100, -0.2499,
36.4715

74.6169, -1.9760,

33.4091

■ 77.0277, -3.2968,
29.4158

■ 79.5395, -4.2162,
24.5165

■ 82.1489, -4.7436,
18.7458

■ 84.8523, -4.8918,
12.1445

Harmonies

Analogous

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



64.1321, 46.9603, 35.0976



64.1305, 10.4542, 39.6999



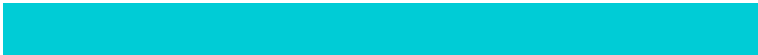
64.1321, -23.1618, 39.1902

Triad

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



64.1321, 10.4508, 39.7005



64.1321, -55.1384, -19.9567



64.1321, 54.3768, -54.3032

Complementary

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



64.1305, 10.4542, 39.6999



31.1149, 36.9524, -118.6588

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.



64.1321, 19.0303, -90.2966



64.1305, 10.4542, 39.6999



64.1321, -41.8701, -64.2731

Square

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



64.1321, 10.4508, 39.7005



64.1321, -56.4774, 14.9168



64.1321, -16.2136, -94.6867



64.1321, 75.6835, -10.5222

Rectangle

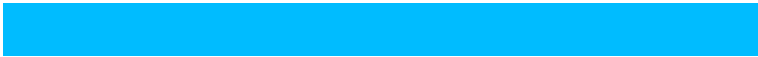
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.1305, 10.4542, 39.6999



64.1321, -39.7896, 35.9150



64.1321, -16.2136, -94.6867



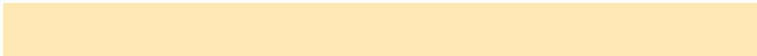
64.1321, 43.4359, -68.5245

Sweetspot

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



64.1321, 10.4508, 39.7005



90.6947, -4.7941, 28.0945



40.9265, 71.1088, 18.5152



41.3909, -2.0359, 14.1486

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.1321, 10.4508, 39.7005



73.0384, 12.1780, 45.2191



80.5199, -37.4572, 48.9599



40.0624, -2.3045, 5.5481



49.1927, 7.5759, 30.4449



13.9601, 0.9861, 8.6194

Inverse Universe

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



31.1149, 36.9524, -118.6588



35.2734, 42.8264, -136.5384



24.7258, 64.7695, -157.8917



38.1935, -1.7216, -1.5573



24.1323, 27.1555, -88.7842



7.6716, 4.5442, -19.3985

Previews

White Background



This preview shows how the HunterLab color 64.1305, 10.4542, 39.6999 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 64.1305, 10.4542, 39.6999 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 64.1305, 10.4542, 39.6999 Background



This preview shows how black text looks on a background with the HunterLab color 64.1305, 10.4542, 39.6999.



This preview shows how white text looks on a background with the HunterLab color 64.1305, 10.4542,

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

64.1305, 10.4542, 39.6999

Protanopia

64.3336, -9.1719, 39.0986

Deuteranopia

64.1091, 4.7798, 39.5874



Tritanopia

64.1681, 28.9623, 9.7398

Trichromacy



Original Color

64.1305, 10.4542, 39.6999

Protanomaly

64.1458, -2.3221, 39.2468

Deuteranomaly

64.1972, 6.4908, 39.6717

Tritanomaly

63.5492, 19.4908, 28.0132

Monochromacy



Original Color

64.1305, 10.4542, 39.6999

Achromatopsia

59.6993, -3.1854, 3.2436

Achromatomaly

60.3450, -2.1431, 24.7962

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.1305, 10.4542, 39.6999 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, 159, 0)` looks like.

```
.text, #text, p{  
    color:rgb(227, 159, 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, 159, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 159, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 64.1305, 10.4542, 39.6999 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, 159, 0) }
```


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

```
.border{ border-color:rgb(227, 159, 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, 159, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 159, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 159, 0);  
box-shadow:4px 4px 4px 4px rgb(227, 159,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.1305, 10.4542, 39.6999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 159, 0) }
```

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

```
.background{ background-color: rgb(227,  
159, 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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