

Converting Colors

HunterLab(65.1551, 8.3929,
39.2374)

Have a look what the booklet for
HunterLab(65.1551, 8.3929,
39.2374) contains.

HunterLab(65.1551, 8.3929, 39.2374)	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(65.1551, 8.3929,
39.2374)**

Conversions

Conversions Part 1

Format	Color
Hex	E2A31D
RGB	226, 163, 29
RGB Percent	89%, 64%, 11%
CMY	0.1137, 0.3608, 0.8862
CMYK	0.00, 0.28, 0.87, 0.11
HSL	41°, 77%, 50%
HSV	41°, 87%, 89%
XYZ	44.6830, 42.4519, 7.0014
YIQ	166.5610, 80.5620, -28.3180

Conversions

Conversions Part 2

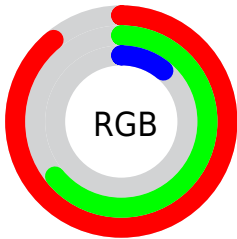
Format	Color
R _Y B	122, 226, 29
Decimal	14852893
CIE Lab	71.18, 13.00, 70.19
CIE LCh	71, 71.379, 79.510
Yxy	42.4540, 0.4747, 0.4510
Android (android.graphics.Color)	4293042973 (0xFFE2A31D)
YUV	166.5610, -67.8176, 52.1280
Hunter-Lab	65.1551, 8.3929, 39.2374

Details

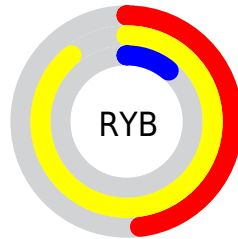
The HunterLab color **65.1551, 8.3929, 39.2374** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **36.6151, 23.9740, -93.5269**, and the grayscale version is **62.2312, -3.3205, 3.3811**.

A 20% lighter version of the original color is **84.9259, -5.4549, 45.6372**, and **44.2580, 8.5004, 27.4204** is the 20% darker color. If you saturate the color by 10%, you get **63.1551, 11.7204, 38.9483**, and if you desaturate by 10%, it is **67.2681, 5.3882, 38.7218**.

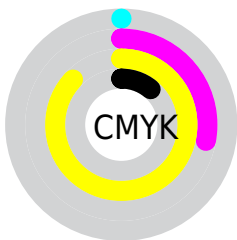
Distribution



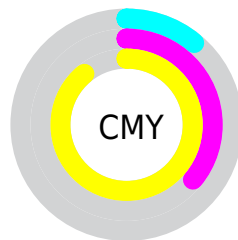
- Red (89%)
- Green (64%)
- Blue (11%)



- Red (48%)
- Yellow (89%)
- Blue (11%)



- Cyan (0%)
- Magenta (28%)
- Yellow (87%)
- Black (11%)





- Cyan (11%)
- Magenta (36%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.1551, 8.3929, 39.2374 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 65.1551, 8.3929, 39.2374 by changing the saturation by 10% instead.

 65.1551, 8.3929,
39.2374

 65.1551, 8.3929,
39.2374


188.7754, 6.5465,
76.4526


 54.2743, 8.3189,
34.2941


 88.8179, 8.3333,
48.4941

 44.0758, 8.1719,
29.1118

 101.5334, 8.2181,
52.8549


 34.6108, 7.9377,
24.1295

 114.8036, 8.0509,
57.0667

 25.9411, 7.6019,
18.1588

 128.6064, 7.8355,
61.1479

 18.1479, 7.1441,
12.7035

 142.9219, 7.5748,
65.1145

 11.3437, 6.5344,
7.9406

 157.7323, 7.2716,

 3.6186, 15.4556,

68.9800

2.5330

173.0217, 6.9282,
72.7561

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.1551, 8.3929,
39.2374

■ 65.1551, 8.3929,
39.2374

■ 63.1551, 11.7204,
38.9483

■ 67.2681, 5.3882,
38.7218

■ 62.6027, 12.6953,
38.7977

■ 69.4926, 2.7605,
37.3106

■ 71.8298, 0.5281,
34.9743

■ 74.2777, -1.3006,
31.7131

■ 76.8332, -2.7259,

27.5464

■ 79.4926, -3.7550,
22.5064

■ 82.2517, -4.3995,
16.6331

■ 85.1062, -4.6743,
9.9709

■ 88.0519, -4.5962,
2.5660

Harmonies

Analogous

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



65.1567, 42.6736, 34.6422



65.1551, 8.3929, 39.2374



65.1567, -23.2115, 38.5194

Triad

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



65.1567, 8.3896, 39.2380



65.1567, -52.8593, -19.8076



65.1567, 51.6805, -48.5920

Complementary

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



65.1551, 8.3929, 39.2374



36.6151, 23.9740, -93.5269

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.



65.1567, 18.9204, -81.9888



65.1551, 8.3929, 39.2374



65.1567, -39.5446, -60.4653

Square

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



65.1567, 8.3896, 39.2380



65.1567, -54.5712, 13.5403



65.1567, -14.5565, -87.1687



65.1567, 70.7481, -8.3334

Rectangle

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



65.1551, 8.3929, 39.2374



65.1567, -38.9086, 34.9088



65.1567, -14.5565, -87.1687



65.1567, 41.6347, -61.6903

Sweetspot

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



65.1567, 8.3896, 39.2380



91.4617, -4.3984, 25.1824



42.2705, 68.9851, 12.1787



41.8144, -1.8751, 12.6496

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.1567, 8.3896, 39.2380



71.6400, 14.8373, 44.4040



81.1421, -33.2099, 48.5683



39.0535, -2.1474, 5.3432



47.5203, 9.1389, 29.4418



13.1328, 1.2510, 8.1143

Inverse Universe

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



36.6151, 23.9740, -93.5269



36.3123, 39.8449, -131.4008



27.1827, 58.4392, -139.1641



37.3567, -1.7848, -1.4346



24.4676, 24.7260, -83.9588



7.5689, 3.7513, -17.5584

Previews

White Background



This preview shows how the HunterLab color 65.1551, 8.3929, 39.2374 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 65.1551, 8.3929, 39.2374 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 65.1551, 8.3929, 39.2374 Background



This preview shows how black text looks on a background with the HunterLab color 65.1551, 8.3929, 39.2374.



This preview shows how white text looks on a background with the HunterLab color 65.1551, 8.3929,

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

65.1551, 8.3929, 39.2374

Protanopia

65.2951, -8.6986, 38.8414

Deuteranopia

65.2436, 4.4231, 39.3379



Tritanopia

65.1341, 26.9960, 9.0665

Trichromacy



Original Color

65.1551, 8.3929, 39.2374

Protanomaly

65.2952, -2.6682, 39.0108

Deuteranomaly

65.2102, 5.7457, 39.2839

Tritanomaly

64.6644, 18.1191, 25.5666

Monochromacy



Original Color

65.1551, 8.3929, 39.2374

Achromatopsia

62.1634, -3.3169, 3.3775

Achromatomaly

62.6483, -2.5428, 22.6317

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.1551, 8.3929, 39.2374 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(226, 163, 29)` looks like.

```
.text, #text, p{  
    color:rgb(226, 163, 29)  
}
```

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(226, 163, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 163, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 65.1551, 8.3929, 39.2374 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(226, 163, 29) }
```


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

```
.border{ border-color:rgb(226, 163, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 163, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 163, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 163, 29);  
box-shadow:4px 4px 4px 4px rgb(226, 163,  
29) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.1551, 8.3929, 39.2374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 163, 29) }
```

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

```
.background{ background-color: rgb(226,  
163, 29) }
```

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