

Converting Colors

HunterLab(61.6461, 7.9379,
35.5180)

Have a look what the booklet for
HunterLab(61.6461, 7.9379,
35.5180) contains.

HunterLab(61.5988, 8.0151, 35.5087)	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(61.5988, 8.0151,
35.5087)**

Conversions

Conversions Part 1

Format	Color
Hex	D69B2F
RGB	214, 155, 47
RGB Percent	84%, 61%, 18%
CMY	0.1608, 0.3921, 0.8157
CMYK	0.00, 0.28, 0.78, 0.16
HSL	39°, 67%, 51%
HSV	39°, 78%, 84%
XYZ	39.9661, 37.9441, 7.9068
YIQ	160.3290, 69.8320, -21.0800

Conversions

Conversions Part 2

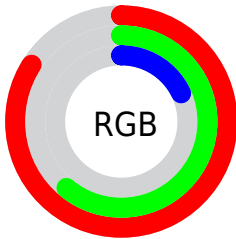
Format	Color
R _{YB}	138, 214, 47
Decimal	14064431
CIE Lab	67.98, 12.60, 61.35
CIE LCh	68, 62.633, 78.390
Yxy	37.9460, 0.4657, 0.4422
Android (android.graphics.Color)	4292254511 (0xFFD69B2F)
YUV	160.3290, -55.8712, 47.0695
Hunter-Lab	61.5988, 8.0151, 35.5087

Details

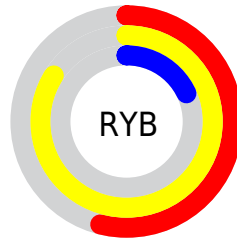
The HunterLab color **61.5988, 8.0151, 35.5087** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **39.7076, 13.5129, -70.2880**, and the grayscale version is **59.6271, -3.1816, 3.2397**.

A 20% lighter version of the original color is **82.3411, -0.1770, 41.8698**, and **40.9520, 7.9980, 25.3744** is the 20% darker color. If you saturate the color by 10%, you get **59.4772, 11.2092, 35.8946**, and if you desaturate by 10%, it is **63.8426, 5.1662, 34.2909**.

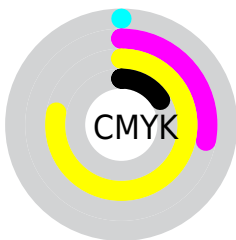
Distribution



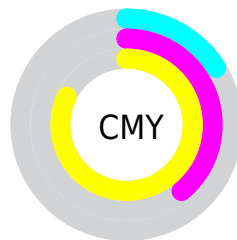
- Red (84%)
- Green (61%)
- Blue (18%)



- Red (54%)
- Yellow (84%)
- Blue (18%)



- Cyan (0%)
- Magenta (28%)
- Yellow (78%)
- Black (16%)



- Cyan (16%)
- Magenta (39%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.5988, 8.0151, 35.5087 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 61.5988, 8.0151, 35.5087 by changing the saturation by 10% instead.

61.5988, 8.0151,
35.5087

61.5988, 8.0151,
35.5087

183.6813, 6.1690,
68.8896

50.9321, 7.9370,
31.0555

84.8678, 7.9602,
43.8142

40.9626, 7.7836,
26.3618

97.4004, 7.8458,
47.7203

31.7448, 7.5402,
21.6817

110.4955, 7.6788,
51.4924

23.3458, 7.1908,
16.3420

124.1300, 7.4630,
55.1489

15.8549, 6.7126,
11.0984

138.2834, 7.2016,
58.7050

9.3996, 6.0723,
6.5797

152.9371, 6.8972,

0.0000, INF, NaN

62.1735

0.0000, NaN, NaN

168.0748, 6.5523,
65.5653

0.0000, NaN, NaN

■ 61.5988, 8.0151,
35.5087

■ 61.5988, 8.0151,
35.5087

■ 59.4772, 11.2092,
35.8946

■ 63.8426, 5.1662,
34.2909

■ 57.4702, 14.7076,
35.5458

■ 66.2023, 2.6927,
32.2170

■ 57.0863, 15.4096,
35.4461

■ 68.6761, 0.5992,
29.2940

■ 71.2595, -1.1160,
25.5466

■ 73.9480, -2.4610,
21.0103

■ 76.7365, -3.4483,
15.7271

■ 79.6199, -4.0934,
9.7421

■ 82.5934, -4.4135,
3.1012

■ 85.6521, -4.4267,
-4.1506

Harmonies

Analogous

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



61.6003, 37.0319, 30.8039



61.5988, 8.0151, 35.5087



61.6003, -19.4875, 34.9725

Triad

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



61.6003, 8.0120, 35.5093



61.6003, -46.7790, -15.2504



61.6003, 42.7444, -41.7021

Complementary

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



61.5988, 8.0151, 35.5087



39.7076, 13.5129, -70.2880

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.



61.6003, 14.7757, -68.4682



61.5988, 8.0151, 35.5087



61.6003, -35.3339, -49.0558

Square

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



61.6003, 8.0120, 35.5093



61.6003, -47.9317, 12.8608



61.6003, -13.8320, -71.6403



61.6003, 59.3640, -7.9628

Rectangle

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



61.5988, 8.0151, 35.5087



61.6003, -33.4890, 31.6376



61.6003, -13.8320, -71.6403



61.6003, 34.1486, -52.3591

Sweetspot

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



61.6003, 8.0120, 35.5093



91.7972, -3.6331, 22.6356



41.7338, 61.5552, 6.5448



41.8996, -1.4631, 11.5298

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



61.6003, 8.0120, 35.5093



70.8279, 16.5863, 43.5464



77.1167, -27.9460, 44.9618



37.0774, -1.8834, 4.9670



44.6095, 11.5302, 27.6900



11.6336, 1.5380, 7.1955

Inverse Universe

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



39.7076, 13.5129, -70.2880



40.5390, 29.4796, -112.8719



28.5717, 47.6320, -113.5759



35.6641, -1.8617, -1.2270



24.9070, 20.7041, -75.8259



7.2635, 2.4710, -14.4129

Previews

White Background



This preview shows how the HunterLab color 61.5988, 8.0151, 35.5087 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 61.5988, 8.0151, 35.5087 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 61.5988, 8.0151, 35.5087 Background



This preview shows how black text looks on a background with the HunterLab color 61.5988, 8.0151, 35.5087.



This preview shows how white text looks on a background with the HunterLab color 61.5988, 8.0151,

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

61.5988, 8.0151, 35.5087

Protanopia

61.5969, -7.9292, 34.9123

Deuteranopia

61.6935, 4.1023, 35.6030



Tritanopia

61.6630, 25.0897, 8.1936

Trichromacy



Original Color

61.5988, 8.0151, 35.5087

Protanomaly

61.4802, -2.3731, 35.0401

Deuteranomaly

61.6546, 5.3878, 35.5999

Tritanomaly

61.3688, 17.1332, 22.1518

Monochromacy



Original Color

61.5988, 8.0151, 35.5087

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

59.5726, -1.2406, 19.3167

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.5988, 8.0151, 35.5087 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(214, 155, 47)` looks like.

```
.text, #text, p{  
    color:rgb(214, 155, 47)  
}
```

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(214, 155, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 155, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 61.5988, 8.0151, 35.5087 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(214, 155, 47) }
```


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

```
.border{ border-color:rgb(214, 155, 47) }
```

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

Here you see how a box with a 4 pixel rgb(214, 155, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 155, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 155, 47);  
box-shadow:4px 4px 4px 4px rgb(214, 155,  
47) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.5988, 8.0151, 35.5087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 155, 47) }
```

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

```
.background{ background-color: rgb(214,  
155, 47) }
```

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