

Converting Colors

HunterLab(64.6128, 13.9743,
37.6479)

Have a look what the booklet for
HunterLab(64.6128, 13.9743,
37.6479) contains.

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Color

**HunterLab(64.6582, 13.8356,
37.7141)**

Conversions

Conversions Part 1

Format	Color
Hex	E89E2E
RGB	232, 158, 46
RGB Percent	91%, 62%, 18%
CMY	0.0902, 0.3804, 0.8196
CMYK	0.00, 0.32, 0.80, 0.09
HSL	36°, 80%, 55%
HSV	36°, 80%, 91%
XYZ	45.9988, 41.8068, 8.2299
YIQ	167.3580, 80.0560, -19.1440

Conversions

Conversions Part 2

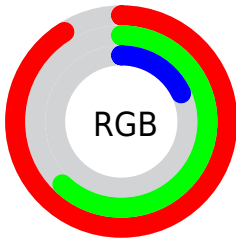
Format	Color
R_{YB}	169, 232, 46
Decimal	15244846
CIE _{Lab}	70.74, 18.69, 64.99
CIE _{LCh}	71, 67.619, 73.957
Yxy	41.8090, 0.4790, 0.4353
Android (android.graphics.Color)	4293434926 (0xFFE89E2E)
YUV	167.3580, -59.8295, 56.6910
Hunter-Lab	64.6582, 13.8356, 37.7141

Details

The HunterLab color **64.6582, 13.8356, 37.7141** 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 **44.5414, 11.8546, -73.9687**, and the grayscale version is **62.5280, -3.3363, 3.3973**.

A 20% lighter version of the original color is **83.5393, -2.2147, 42.6996**, and **43.7873, 13.2687, 27.2138** is the 20% darker color. If you saturate the color by 10%, you get **62.1621, 17.9754, 37.8553**, and if you desaturate by 10%, it is **67.3141, 10.0703, 36.6665**.

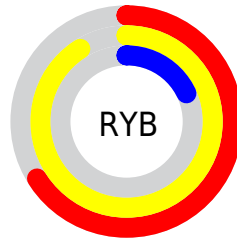
Distribution



Red (91%)

Green (62%)

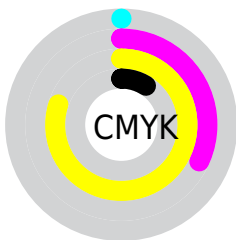
Blue (18%)



Red (66%)

Yellow (91%)

Blue (18%)

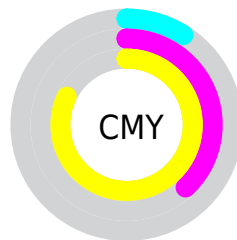


Cyan (0%)

Magenta (32%)

Yellow (80%)

Black (9%)



Cyan (9%)

Magenta (38%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.6582, 13.8356, 37.7141 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 64.6582, 13.8356, 37.7141 by changing the saturation by 10% instead.

64.6582, 13.8356,
37.7141

64.6582, 13.8356,
37.7141

188.0666, 14.0170,
72.5251

53.8068, 13.4892,
33.0885

88.2669, 14.2847,
46.3622

43.6398, 13.0560,
28.2250

100.9571, 14.4089,
50.4354

34.2086, 12.5197,
23.3094

114.2032, 14.4724,
54.3709

25.5760, 11.8638,
17.9032

127.9828, 14.4798,
58.1867

17.8240, 11.0668,
12.4768

142.2759, 14.4349,
61.8982

11.0670, 10.1030,
7.7469

157.0647, 14.3409,

2.8603, 28.3168,

65.5180

2.0022

172.3331, 14.2008,
69.0572

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.6582, 13.8356,
37.7141

■ 64.6582, 13.8356,
37.7141

■ 62.1621, 17.9754,
37.8553

■ 67.3141, 10.0703,
36.6665

■ 59.8546, 22.3375,
37.2732


■ 70.1206, 6.7200,
34.6858


■ 73.0731, 3.7930,
31.7851


■ 76.1645, 1.2882,
27.9987


■ 79.3872, -0.8043,

23.3736

 82.7337, -2.4999,
17.9625

 86.1964, -3.8180,
11.8206

 89.7684, -4.7797,
5.0024

 93.4430, -5.4070,
-2.4395

Harmonies

Analogous

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



64.6598, 45.2146, 31.7770



64.6582, 13.8356, 37.7141



64.6598, -17.1922, 37.8841

Triad

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



64.6598, 13.8321, 37.7147



64.6598, -51.6723, -11.6800



64.6598, 43.2647, -51.9462

Complementary

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



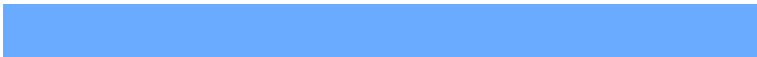
64.6582, 13.8356, 37.7141



44.5414, 11.8546, -73.9687

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.



64.6598, 11.5375, -79.0689



64.6582, 13.8356, 37.7141



64.6598, -40.9647, -49.4067

Square

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



64.6598, 13.8321, 37.7147



64.6598, -51.2901, 17.2939



64.6598, -19.0948, -77.9672



64.6598, 64.2687, -14.1654

Rectangle

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



64.6582, 13.8356, 37.7141



64.6598, -33.4546, 35.0729



64.6598, -19.0948, -77.9672



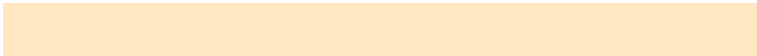
64.6598, 33.2648, -63.2613

Sweetspot

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



64.6598, 13.8321, 37.7147



90.6113, -2.0882, 22.4782



45.2503, 69.4111, 5.6475



41.3053, -0.6481, 11.3875

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.6598, 13.8321, 37.7147



67.5310, 23.1196, 41.7599



84.9212, -28.9979, 50.0155



39.7549, -1.7930, 5.2199



44.8797, 16.0561, 27.9357



12.9180, 2.9250, 8.0112

Inverse Universe

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



44.5414, 11.8546, -73.9687



42.3367, 24.9778, -105.9675



29.8175, 53.7574, -132.4890



38.5011, -2.2333, -1.1765



27.8251, 17.6388, -72.8560



8.6578, 2.4316, -16.0706

Previews

White Background



This preview shows how the HunterLab color 64.6582, 13.8356, 37.7141 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 64.6582, 13.8356, 37.7141 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 64.6582, 13.8356, 37.7141 Background



This preview shows how black text looks on a background with the HunterLab color 64.6582, 13.8356, 37.7141.



This preview shows how white text looks on a background with the HunterLab color 64.6582, 13.8356,

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

64.6582, 13.8356, 37.7141

Protanopia

64.8880, -8.4218, 37.0790

Deuteranopia

64.7998, 4.5117, 37.9171



Tritanopia

64.6994, 30.5368, 10.3436

Trichromacy



Original Color

64.6582, 13.8356, 37.7141

Protanomaly

64.5267, -0.6945, 37.0790

Deuteranomaly

64.5837, 8.0532, 37.7496

Tritanomaly

64.4960, 22.9950, 24.3886

Monochromacy



Original Color

64.6582, 13.8356, 37.7141

Achromatopsia

62.1634, -3.3169, 3.3775

Achromatomaly

62.4959, 0.1284, 20.7343

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6582, 13.8356, 37.7141 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(232, 158, 46)` looks like.

```
.text, #text, p{  
    color:rgb(232, 158, 46)  
}
```

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(232, 158, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 158, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6582, 13.8356, 37.7141 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(232, 158, 46) }
```


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

```
.border{ border-color:rgb(232, 158, 46) }
```

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

Here you see how a box with a 4 pixel rgb(232, 158, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 158, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 158, 46);  
box-shadow:4px 4px 4px 4px rgb(232, 158,  
46) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.6582, 13.8356, 37.7141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 158, 46) }
```

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

```
.background{ background-color: rgb(232,  
158, 46) }
```

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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