

Converting Colors

HunterLab(60.5619, -0.9309,
34.6869)

Have a look what the booklet for
HunterLab(60.5619, -0.9309,
34.6869) contains.

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Color

**HunterLab(60.6113, -1.0035,
34.7001)**

Conversions

Conversions Part 1

Format	Color
Hex	C49F2F
RGB	196, 159, 47
RGB Percent	77%, 62%, 18%
CMY	0.2314, 0.3764, 0.8157
CMYK	0.00, 0.19, 0.76, 0.23
HSL	45°, 61%, 48%
HSV	45°, 76%, 77%
XYZ	35.6762, 36.7373, 7.9000
YIQ	157.2950, 58.0040, -26.9880

Conversions

Conversions Part 2

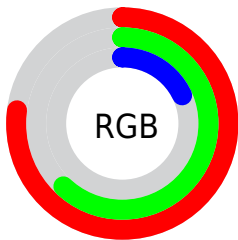
Format	Color
R_{YB}	96, 196, 47
Decimal	12885807
CIE _{Lab}	67.08, 2.57, 59.82
CIE _{LCh}	67, 59.879, 87.539
Yxy	36.7391, 0.4442, 0.4574
Android (android.graphics.Color)	4291075887 (0xFFC49F2F)
YUV	157.2950, -54.3754, 33.9443
Hunter-Lab	60.6113, -1.0035, 34.7001

Details

The HunterLab color **60.6113, -1.0035, 34.7001** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **33.0611, 19.3850, -72.9448**, and the grayscale version is **58.3851, -3.1153, 3.1722**.

A 20% lighter version of the original color is **83.5393, -2.2147, 42.6996**, and **40.1602, 0.1406, 24.7490** is the 20% darker color. If you saturate the color by 10%, you get **59.1386, 0.7783, 35.3903**, and if you desaturate by 10%, it is **62.1621, -2.4838, 33.2548**.

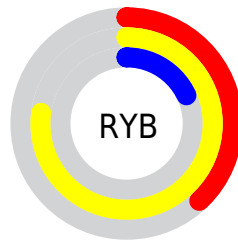
Distribution



Red (77%)

Green (62%)

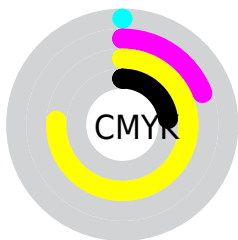
Blue (18%)



Red (38%)

Yellow (77%)

Blue (18%)

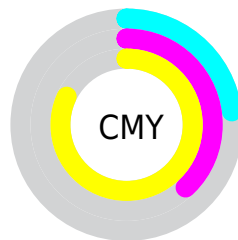


Cyan (0%)

Magenta (19%)

Yellow (76%)

Black (23%)



Cyan (23%)

Magenta (38%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.6113, -1.0035, 34.7001 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 60.6113, -1.0035, 34.7001 by changing the saturation by 10% instead.

60.6113, -1.0035,
34.7001

60.6113, -1.0035,
34.7001

182.2579, -6.5261,
67.4451

50.0055, -0.5762,
30.3268

83.7683, -1.9923,
42.8495

40.1014, -0.1932,
25.7127

96.2490, -2.5426,
46.6806

30.9542, 0.1374,
21.1177

109.2946, -3.1281,
50.3799

22.6328, 0.4086,
15.8430

122.8814, -3.7469,
53.9659

15.2292, 0.6098,
10.6604

136.9888, -4.3974,
57.4536

8.8538, 0.7927,
6.1976

151.5982, -5.0783,

0.0000, NaN, NaN

60.8558

0.0000, NaN, NaN

166.6930, -5.7882,
64.1833

0.0000, NaN, NaN

■ 60.6113, -1.0035,
34.7001

■ 60.6113, -1.0035,
34.7001

■ 59.1386, 0.7783,
35.3903

■ 62.1621, -2.4838,
33.2548

■ 57.7356, 2.8375,
35.3959

■ 63.7884, -3.6367,
31.0190

■ 57.1904, 3.6973,
35.3052

■ 65.4919, -4.4559,
27.9817

■ 67.2721, -4.9388,
24.1469

■ 69.1279, -5.0880,
19.5301

■ 71.0575, -4.9096,
14.1546

■ 73.0590, -4.4125,
8.0493

■ 75.1301, -3.6078,
1.2466

■ 77.2686, -2.5077,
-6.2190

Harmonies

Analogous

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



60.6128, 27.0089, 31.8168



60.6113, -1.0035, 34.7001



60.6128, -25.2912, 32.6754

Triad

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



60.6128, -1.0062, 34.7006



60.6128, -42.5312, -24.0561



60.6128, 46.7170, -29.3900

Complementary

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



60.6113, -1.0035, 34.7001



33.0611, 19.3850, -72.9448

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.



60.6128, 22.5041, -58.3328



60.6113, -1.0035, 34.7001



60.6128, -28.5141, -54.4253

Square

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



60.6128, -1.0062, 34.7006



60.6128, -46.6446, 5.3690



60.6128, -5.4368, -69.0522



60.6128, 57.3889, 1.1539

Rectangle

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



60.6113, -1.0035, 34.7001



60.6128, -36.7919, 27.9576



60.6128, -5.4368, -69.0522



60.6128, 39.7060, -40.0565

Sweetspot

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



60.6128, -1.0062, 34.7006



93.7228, -6.8270, 24.4620



37.9646, 52.9470, 11.1403



42.9266, -3.1682, 12.4740

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



60.6128, -1.0062, 34.7006



78.3766, 2.7862, 47.7328



68.5787, -30.2100, 39.4035



33.6467, -2.1446, 4.7272



45.9976, 2.6897, 28.3906



10.0877, -0.3495, 6.2099

Inverse Universe

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



33.0611, 19.3850, -72.9448



36.3622, 40.9878, -131.1378



28.1343, 43.7718, -91.9544



31.8516, -1.2293, -1.4008



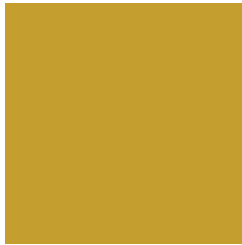
20.1765, 28.0104, -85.6853



5.3789, 2.7314, -12.6194

Previews

White Background



This preview shows how the HunterLab color 60.6113, -1.0035, 34.7001 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 60.6113, -1.0035, 34.7001 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 60.6113, -1.0035, 34.7001 Background



This preview shows how black text looks on a background with the HunterLab color 60.6113, -1.0035, 34.7001.



This preview shows how white text looks on a background with the HunterLab color 60.6113, -1.0035,

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

60.6113, -1.0035, 34.7001

Protanopia

60.6890, -8.1531, 34.5217

Deuteranopia

60.5339, 4.5042, 34.5336



Tritanopia

60.4609, 17.7093, 4.9522

Trichromacy



Original Color

60.6113, -1.0035, 34.7001

Protanomaly

60.6180, -5.3948, 34.5230

Deuteranomaly

60.4540, 2.8015, 34.5581

Tritanomaly

60.1713, 9.3429, 20.0437

Monochromacy



Original Color

60.6113, -1.0035, 34.7001

Achromatopsia

58.0658, -3.0982, 3.1548

Achromatomaly

58.6481, -4.5326, 19.0455

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.6113, -1.0035, 34.7001 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(196, 159, 47)` looks like.

```
.text, #text, p{  
    color:rgb(196, 159, 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(196, 159, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 159, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 60.6113, -1.0035, 34.7001 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(196, 159, 47) }
```


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

```
.border{ border-color:rgb(196, 159, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 159, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 159, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 159, 47);  
box-shadow:4px 4px 4px 4px rgb(196, 159,  
47) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.6113, -1.0035, 34.7001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 159, 47) }
```

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

```
.background{ background-color: rgb(196,  
159, 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](#).

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