

Converting Colors

HunterLab(52.2253, 16.1272,
30.5978)

Have a look what the booklet for
HunterLab(52.2253, 16.1272,
30.5978) contains.

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Color

**HunterLab(52.1452, 16.0012,
30.5140)**

Conversions

Conversions Part 1

Format	Color
Hex	C77E24
RGB	199, 126, 36
RGB Percent	78%, 49%, 14%
CMY	0.2196, 0.5059, 0.8588
CMYK	0.00, 0.37, 0.82, 0.22
HSL	33°, 69%, 46%
HSV	33°, 82%, 78%
XYZ	31.3325, 27.1912, 5.2661
YIQ	137.5670, 72.3980, -12.5140

Conversions

Conversions Part 2

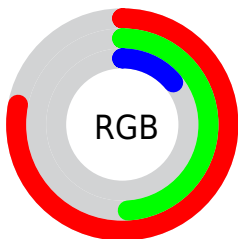
Format	Color
RYB	168, 199, 36
Decimal	13073956
CIELab	59.15, 21.47, 56.70
CIELCh	59, 60.631, 69.261
Yxy	27.1926, 0.4912, 0.4263
Android (android.graphics.Color)	4291264036 (0xFFC77E24)
YUV	137.5670, -50.0725, 53.8767
Hunter-Lab	52.1452, 16.0012, 30.5140

Details

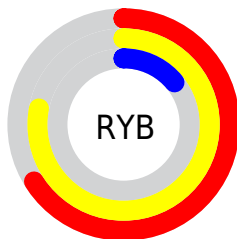
The HunterLab color **52.1452, 16.0012, 30.5140** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **39.2877, 6.2342, -57.2237**, and the grayscale version is **50.4149, -2.6900, 2.7391**.

A 20% lighter version of the original color is **73.6352, 14.5567, 38.0186**, and **32.8584, 14.7561, 20.5055** is the 20% darker color. If you saturate the color by 10%, you get **49.9242, 19.9652, 30.5256**, and if you desaturate by 10%, it is **54.5266, 12.3362, 29.7603**.

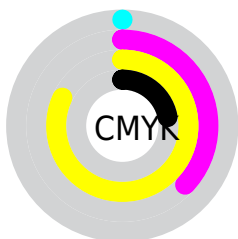
Distribution



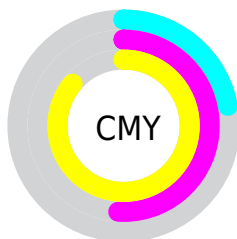
- Red (78%)
- Green (49%)
- Blue (14%)



- Red (66%)
- Yellow (78%)
- Blue (14%)



- Cyan (0%)
- Magenta (37%)
- Yellow (82%)
- Black (22%)



- Cyan (22%)
- Magenta (51%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.1452, 16.0012, 30.5140 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 52.1452, 16.0012, 30.5140 by changing the saturation by 10% instead.

52.1452, 16.0012,
30.5140

52.1452, 16.0012,
30.5140

169.8789, 17.7992,
62.5822

42.0927, 15.4154,
26.1645

74.2919, 16.8808,
38.5656

32.7836, 14.7211,
21.5828

86.3059, 17.2003,
42.3294

24.2846, 13.8981,
16.9992

98.9057, 17.4485,
45.9535

16.6818, 12.9256,
11.6772

112.0652, 17.6315,
49.4583

10.0966, 11.7863,
7.0676

125.7615, 17.7541,
52.8607

0.0000, INF, NaN

0.0000, NaN, NaN

139.9743, 17.8206,

56.1747

0.0000, NaN, NaN

154.6856, 17.8346,
59.4119

0.0000, NaN, NaN

■ 52.1452, 16.0012,
30.5140

■ 52.1452, 16.0012,
30.5140

■ 49.9242, 19.9652,
30.5256

■ 54.5266, 12.3362,
29.7603

■ 48.2375, 23.3274,
30.1321

■ 57.0578, 9.0115,
28.2488

■ 59.7317, 6.0374,
25.9986

■ 62.5397, 3.4144,
23.0466

■ 65.4728, 1.1342,
19.4383

■ 68.5225, -0.8175,
15.2231

■ 71.6807, -2.4580,
10.4505

■ 74.9398, -3.8066,
5.1680

■ 78.2929, -4.8831,
-0.5800

Harmonies

Analogous

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



52.1465, 41.5226, 24.7632



52.1452, 16.0012, 30.5140



52.1465, -10.5414, 31.2554

Triad

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



52.1465, 15.9982, 30.5145



52.1465, -43.3158, -5.3536



52.1465, 32.5245, -48.6091

Complementary

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



52.1452, 16.0012, 30.5140



39.2877, 6.2342, -57.2237

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.



52.1465, 5.4526, -68.6590



52.1452, 16.0012, 30.5140



52.1465, -35.9444, -36.7988

Square

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



52.1465, 15.9982, 30.5145



52.1465, -41.5862, 16.9532



52.1465, -19.2366, -63.5177



52.1465, 52.2804, -16.8220

Rectangle

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



52.1452, 16.0012, 30.5140



52.1465, -24.9133, 29.5260



52.1465, -19.2366, -63.5177



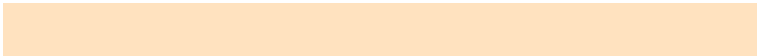
52.1465, 23.7858, -57.5089

Sweetspot

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



52.1465, 15.9982, 30.5145



89.2586, -0.2363, 22.1597



38.0995, 59.6517, 1.8514



40.6301, 0.3182, 11.1694

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



52.1465, 15.9982, 30.5145



63.9866, 30.5850, 39.8280



72.1324, -21.8281, 42.6934



34.0465, -1.3269, 4.3030



38.9094, 18.2060, 24.2945



9.2732, 2.2941, 5.7543

Inverse Universe

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



39.2877, 6.2342, -57.2237



44.6968, 19.5289, -97.6126



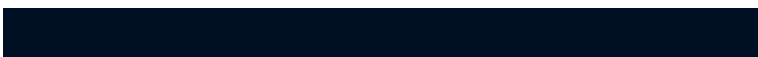
24.3399, 45.2988, -115.8274



33.2512, -2.1390, -0.7982



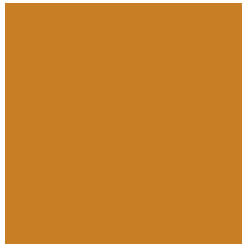
27.2539, 11.3621, -58.5926



7.0410, 0.3281, -9.5089

Previews

White Background



This preview shows how the HunterLab color 52.1452, 16.0012, 30.5140 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 52.1452, 16.0012, 30.5140 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 52.1452, 16.0012, 30.5140 Background



This preview shows how black text looks on a background with the HunterLab color 52.1452, 16.0012, 30.5140.



This preview shows how white text looks on a background with the HunterLab color 52.1452, 16.0012,

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

52.1452, 16.0012, 30.5140

Protanopia

52.2223, -6.9534, 29.7782

Deuteranopia

52.0918, 3.9188, 30.6120



Tritanopia

52.2500, 28.6313, 10.2992

Trichromacy



Original Color

52.1452, 16.0012, 30.5140

Protanomaly

51.9966, 0.8963, 29.8671

Deuteranomaly

52.1317, 8.1322, 30.6293

Tritanomaly

51.9823, 22.9330, 20.6210

Monochromacy



Original Color

52.1452, 16.0012, 30.5140

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

50.4612, 1.4404, 16.6532

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.1452, 16.0012, 30.5140 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(199, 126, 36)` looks like.

```
.text, #text, p{  
    color:rgb(199, 126, 36)  
}
```

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(199, 126, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 126, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 52.1452, 16.0012, 30.5140 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(199, 126, 36) }
```


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

```
.border{ border-color:rgb(199, 126, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 126, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 126, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 126, 36);  
box-shadow:4px 4px 4px 4px rgb(199, 126,  
36) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.1452, 16.0012, 30.5140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 126, 36) }
```

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

```
.background{ background-color: rgb(199,  
126, 36) }
```

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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